UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
17/472,031	09/10/2021	Nick Swerdlow	ZOOM-164-B	4940

177453 7590 01/02/2024

Zoom Video Communications, Inc. at Young Basile
3001 West Big Beaver Rd., Ste. 624
Troy, MI 48084

EXAMINER	
NAOREEN, NAZIA	

ART UNIT	PAPER NUMBER
2458	

NOTIFICATION DATE	DELIVERY MODE
01/02/2024	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

docketing@youngbasile.com

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 1 of 439

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	ISSUE DATE	PATENT NO.
17/472,031	02-Jan-2024	11863333

Zoom Video Communications, Inc. at Young Basile
3001 West Big Beaver Rd., Ste. 624
Troy, MI 48084

EGRANT NOTIFICATION

Your electronic patent grant (eGrant) is now available, which can be accessed via Patent Center at https://patentcenter.uspto.gov

The electronic patent grant is the official patent grant under 35 U.S.C. 153. For more information, please visit https://www.uspto.gov/electronicgrants

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 2 of 439

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	ISSUE DATE	PATENT NO.	ATTORNEY DOCKET NO.	CONFIRMATION NO.
17/472,031	01/02/2024	11863333	ZOOM-164-B	4940

177453 7590 12/13/2023

Zoom Video Communications, Inc. at Young Basile
3001 West Big Beaver Rd., Ste. 624
Troy, MI 48084

ISSUE NOTIFICATION

The projected patent number and issue date are specified above. The patent will issue electronically. The electronically issued patent is the official patent grant pursuant to 35 U.S.C. § 153. The patent may be accessed on or after the issue date through Patent Center at https://patentcenter.uspto.gov/. The patent will be available in both the public and the private sides of Patent Center. Further assistance in electronically accessing the patent, or about Patent Center, is available by calling the Patent Electronic Business Center at 1-888-217-9197.

The USPTO is implementing electronic patent issuance with a transition period, during which period the USPTO will mail a ceremonial paper copy of the electronic patent grant to the correspondence address of record. Additional copies of the patent (i.e., certified and presentation copies) may be ordered for a fee from the USPTO's Certified Copy Center at https://certifiedcopycenter.uspto.gov/index.html. The Certified Copy Center may be reached at (800)972-6382.

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)
(application filed on or after May 29, 2000)

The Patent Term Adjustment is 0 day(s). Any patent to issue from the above-identified application will include an indication of the adjustment on the front page.

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Center (https://patentcenter.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Application Assistance Unit (AAU) of the Office of Patents Stakeholder Experience (OPSE), Stakeholder Support Division (SSD) at (571)-272-4200.

INVENTOR(s) (Please see PATENT CENTER site https://patentcenter.uspto.gov for additional inventors):

Nick Swerdlow, Santa Clara, CA;

APPLICANT(s) (Please see PATENT CENTER site https://patentcenter.uspto.gov for additional applicants):

Zoom Video Communications, Inc., San Jose, CA;

The United States represents the largest, most dynamic marketplace in the world and is an unparalleled location for business investment, innovation, and commercialization of new technologies. The USA offers tremendous resources and advantages for those who invest and manufacture goods here. Through SelectUSA, our nation works to encourage and facilitate business investment. To learn more about why the USA is the best country in the world to develop technology, manufacture products, and grow your business, visit SelectUSA.gov.

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 4 of 439

Doc code: IDS
Doc description: Information Disclosure Statement (IDS) Filed

PTO/SB/08a (01-22)
Approved for use through 05/31/2024. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Not for submission under 37 CFR 1.99)

Application Number	17472031
Filing Date	2021-09-10
First Named Inventor	Nick Swerdlow
Art Unit	2458
Examiner Name	N. Naoreen
Attorney Docket Number	ZOOM-164-B

U.S.PATENTS Remove

Examiner Initial*	Cite No	Patent Number	Kind Code[1]	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	10592867	B2	2020-03-17	Jonathan Rosenberg	
Change(s) applied to document /P.H./ 11/27/2023	2	10320856	B2	06/2019 ~~2018-04-12~~	Jonathan Rosenberg	

If you wish to add additional U.S. Patent citation information please click the Add button. Add

U.S.PATENT APPLICATION PUBLICATIONS Remove

Examiner Initial*	Cite No	Publication Number	Kind Code[1]	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	20220078039	A1	2022-03-10	CHO, Hoyoung	

If you wish to add additional U.S. Published Application citation information please click the Add button. Add

FOREIGN PATENT DOCUMENTS Remove

Examiner Initial*	Cite No	Foreign Document Number[3]	Country Code[2] i	Kind Code[4]	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	T[5]
	1							

If you wish to add additional Foreign Patent Document citation information please click the Add button Add

NON-PATENT LITERATURE DOCUMENTS Remove

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 5 of 439

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /N.N./

PART B–FEE(S) TRANSMITTAL

Complete and send this form, together with the applicable fee(s), by mail or fax, or via EFS-Web.

By mail, send to: Mail Stop ISSUE FEE
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

By fax, send to: (571) 273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications. **Becanse electronic patent issnance may occnr shortly after issne fee payment, any desired continning application shonld preferably be filed prior to payment of this issne fee in order not to jeopardize copendency.**

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

YOUNG BASILE HANLON & MACFARLANE, P.C.
3001 West Big Beaver Rd.
Suite 624
Troy, Michigan 48084

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being transmitted to the USPTO via EFS-Web or by facsimile to (571) 273-2885, on the date below.

(Typed or printed name)
(Signature)
(Date)

APPLICATION NO	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO	CONFIRMATION NO
17/472,031	09/10/2021	Nick Swerdlow	ZOOM-164-B	4940

TITLE OF INVENTION: Messaging Conference Participants Prior To Joining A Conference

APPLN: TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	UNDISCOUNTED	$1,200.00			$1,200.00	10/13/2023

EXAMINER	ART UNIT	CLASS-SUBCLASS
N. Naoreen	2458	709-204

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363)

☐ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.

☐ "Fee Address" indication (or "Fee Address" Indication form PTO/AIA/47 or PTO/SB/47; Rev 03-09 or more recent) attached. **Use of a Customer Number is required.**

2. For printing on the patent front page, list

(1) The names of up to 3 registered patent attorneys or agents OR, alternatively,

(2) The name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1. Young Basile Hanlon & MacFarlane, P.C.
2.
3.

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document must have been previously recorded, or filed for recordation, as set forth in 37 CFR 3.11 and 37 CFR 3.81(a). Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE: Zoom Video Communications, Inc.

(B) RESIDENCE: (CITY and STATE or COUNTRY): San Jose, California

Please check the appropriate assignee category or categories (will not be printed on the patent): ☐ Individual ☒ Corporation or other private group entity ☐ Government

4a. Fees Submitted: ☒ Issue Fee ☐ Publication Fee (if required)

4b. Method of Payment (*Please first reapply any previously paid fee shown above*):

☒ Electronic Payment via Patent Center or EFS-Web ☐ Enclosed check ☐ Non-electronic payment by credit card (Attach form PTO-2038)

☒ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment to Deposit Account No. 25-0115

5. Change of Entity Status (from status indicated above)

☐ Applicant certifying micro entity status. See 37 CFR 1.29. NOTE: Absent a valid Certification of Micro Entity Status (see forms PTO/SB/15A and 15B), issue fee payment in the micro entity amount will not be accepted at the risk of application abandonment.

☐ Applicant asserting small entity status. See 37 CFR 1.27. NOTE: If the application was previously under micro entity status, checking this box will be taken as a notification of loss of entitlement to micro entity status.

☐ Applicant changing to regular undiscounted fee status. NOTE: Checking this box will be taken as a notification of loss of entitlement to small or micro entity status, as applicable.

NOTE: This form must be signed in accordance with 37 CFR 1.31 and 1.33. See 37 CFR 1.4 for signature requirements and certifications.

Authorized Signature /Neil C. Maskeri/ Date October 13, 2023

Typed or printed name Neil C. Maskeri Registration No. 61,591

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 6 of 439

Electronic Patent Application Fee Transmittal

Application Number:	17472031
Filing Date:	10-Sep-2021
Title of Invention:	Messaging Conference Participants Prior To Joining A Conference
First Named Inventor/Applicant Name:	Nick Swerdlow
Filer:	Neil C. Maskeri/Jessica Tumblin
Attorney Docket Number:	ZOOM-164-B

Filed as Large Entity

Filing Fees for Utility under 35 USC 111(a)

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
UTILITY APPL ISSUE FEE	1501	1	1200	1200

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Extension-of-Time:				
Miscellaneous:				
			Total in USD ($)	**1200**

Electronic Acknowledgement Receipt

EFS ID:	48715941
Application Number:	17472031
International Application Number:	
Confirmation Number:	4940
Title of Invention:	Messaging Conference Participants Prior To Joining A Conference
First Named Inventor/Applicant Name:	Nick Swerdlow
Customer Number:	177453
Filer:	Neil C. Maskeri/Jessica Tumblin
Filer Authorized By:	Neil C. Maskeri
Attorney Docket Number:	ZOOM-164-B
Receipt Date:	13-OCT-2023
Filing Date:	10-SEP-2021
Time Stamp:	11:50:02
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	DA
Payment was successfully received in RAM	$1200
RAM confirmation Number	E20230CB50179972
Deposit Account	250115
Authorized User	Jessica Tumblin

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

37 CFR 1.16 (National application filing, search, and examination fees)

37 CFR 1.17 (Patent application and reexamination processing fees)

37 CFR 1.19 (Document supply fees)

37 CFR 1.20 (Post Issuance fees)

37 CFR 1.21 (Miscellaneous fees and charges)

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Issue Fee Payment (PTO-85B)	Issue_Fee_Transmittal.pdf	93500 d826df915a51010574 5c12d4ee792e0c1f8dddf8	no	1
Warnings:					
Information:					
2	Fee Worksheet (SB06)	fee-info.pdf	37904 c262d1e72779f9f7f92a9571ae5bb6486eb93bdd	no	2
Warnings:					
Information:					
		Total Files Size (in bytes):	131404		

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

177453 7590 07/13/2023

Zoom Video Communications, Inc. at Young Basile
3001 West Big Beaver Rd., Ste. 624
Troy, MI 48084

EXAMINER
NAOREEN, NAZIA

ART UNIT	PAPER NUMBER
2458	

DATE MAILED: 07/13/2023

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
17/472,031	09/10/2021	Nick Swerdlow	ZOOM-164-B	4940

TITLE OF INVENTION: Messaging Conference Participants Prior To Joining A Conference

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	UNDISCOUNTED	$1200	$0.00	$0.00	$1200	10/13/2023

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the ENTITY STATUS shown above. If the ENTITY STATUS is shown as SMALL or MICRO, verify whether entitlement to that entity status still applies.

If the ENTITY STATUS is the same as shown above, pay the TOTAL FEE(S) DUE shown above.

If the ENTITY STATUS is changed from that shown above, on PART B - FEE(S) TRANSMITTAL, complete section number 5 titled "Change in Entity Status (from status indicated above)".

For purposes of this notice, small entity fees are 40% the amount of undiscounted fees, and micro entity fees are 20% the amount of undiscounted fees.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Maintenance fees are due in utility patents issuing on applications filed on or after Dec. 12, 1980. It is patentee's responsibility to ensure timely payment of maintenance fees when due. More information is available at www.uspto.gov/PatentMaintenanceFees.

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 11 of 439

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), by mail or fax, or via EFS-Web.

By mail, send to: Mail Stop ISSUE FEE
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

By fax, send to: (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications. **Because electronic patent issuance may occur shortly after issue fee payment, any desired continuing application should preferably be filed prior to payment of this issue fee in order not to jeopardize copendency.**

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

177453 7590 07/13/2023

Zoom Video Communications, Inc. at Young Basile
3001 West Big Beaver Rd., Ste. 624
Troy, MI 48084

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being transmitted to the USPTO via EFS-Web or by facsimile to (571) 273-2885, on the date below.

(Typed or printed name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
17/472,031	09/10/2021	Nick Swerdlow	ZOOM-164-B	4940

TITLE OF INVENTION: Messaging Conference Participants Prior To Joining A Conference

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	UNDISCOUNTED	$1200	$0.00	$0.00	$1200	10/13/2023

EXAMINER	ART UNIT	CLASS-SUBCLASS
NAOREEN, NAZIA	2458	709-204000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

❑ Change of correspondence address (or Change of Correspondence Address form PTO/AIA/122 or PTO/SB/122) attached.

❑ "Fee Address" indication (or "Fee Address" Indication form PTO/AIA/47 or PTO/SB/47; Rev 03-02 or more recent) attached. **Use of a Customer Number is required.**

2. For printing on the patent front page, list
(1) The names of up to 3 registered patent attorneys or agents OR, alternatively,
(2) The name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 _____
2 _____
3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document must have been previously recorded, or filed for recordation, as set forth in 37 CFR 3.11 and 37 CFR 3.81(a). Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY)

Please check the appropriate assignee category or categories (will not be printed on the patent) : ❑ Individual ❑ Corporation or other private group entity ❑ Government

4a. Fees submitted: ❑ Issue Fee ❑ Publication Fee (if required)

4b. Method of Payment: *(Please first reapply any previously paid fee shown above)*

❑ Electronic Payment via Patent Center or EFS-Web ❑ Enclosed check ❑ Non-electronic payment by credit card (Attach form PTO-2038)

❑ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment to Deposit Account No. _____

5. **Change in Entity Status** (from status indicated above)

❑ Applicant certifying micro entity status. See 37 CFR 1.29

NOTE: Absent a valid certification of Micro Entity Status (see forms PTO/SB/15A and 15B), issue fee payment in the micro entity amount will not be accepted at the risk of application abandonment.

❑ Applicant asserting small entity status. See 37 CFR 1.27

NOTE: If the application was previously under micro entity status, checking this box will be taken to be a notification of loss of entitlement to micro entity status.

❑ Applicant changing to regular undiscounted fee status.

NOTE: Checking this box will be taken to be a notification of loss of entitlement to small or micro entity status, as applicable.

NOTE: This form must be signed in accordance with 37 CFR 1.31 and 1.33. See 37 CFR 1.4 for signature requirements and certifications.

Authorized Signature _____ Date _____

Typed or printed name _____ Registration No. _____

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 12 of 439

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
17/472,031	09/10/2021	Nick Swerdlow	ZOOM-164-B	4940

177453 7590 07/13/2023

Zoom Video Communications, Inc. at Young Basile
3001 West Big Beaver Rd., Ste. 624
Troy, MI 48084

EXAMINER	
NAOREEN, NAZIA	
ART UNIT	PAPER NUMBER
2458	

DATE MAILED: 07/13/2023

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)
(Applications filed on or after May 29, 2000)

The Office has discontinued providing a Patent Term Adjustment (PTA) calculation with the Notice of Allowance.

Section 1(h)(2) of the AIA Technical Corrections Act amended 35 U.S.C. 154(b)(3)(B)(i) to eliminate the requirement that the Office provide a patent term adjustment determination with the notice of allowance. See Revisions to Patent Term Adjustment, 78 Fed. Reg. 19416, 19417 (Apr. 1, 2013). Therefore, the Office is no longer providing an initial patent term adjustment determination with the notice of allowance. The Office will continue to provide a patent term adjustment determination with the Issue Notification Letter that is mailed to applicant approximately three weeks prior to the issue date of the patent, and will include the patent term adjustment on the patent. Any request for reconsideration of the patent term adjustment determination (or reinstatement of patent term adjustment) should follow the process outlined in 37 CFR 1.705.

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 13 of 439

OMB Clearance and PRA Burden Statement for PTOL-85 Part B

The Paperwork Reduction Act (PRA) of 1995 requires Federal agencies to obtain Office of Management and Budget approval before requesting most types of information from the public. When OMB approves an agency request to collect information from the public, OMB (i) provides a valid OMB Control Number and expiration date for the agency to display on the instrument that will be used to collect the information and (ii) requires the agency to inform the public about the OMB Control Number's legal significance in accordance with 5 CFR 1320.5(b).

The information collected by PTOL-85 Part B is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450. Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 14 of 439

Notice of Allowability	Application No. 17/472,031	Applicant(s) Swerdlow, Nick	
	Examiner NAZIA NAOREEN	Art Unit 2458	AIA (FITF) Status Yes

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☑ This communication is responsive to 06/15/2023.
   ☐ A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on _____.

2. ☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on _____; the restriction requirement and election have been incorporated into this action.

3. ☑ The allowed claim(s) is/are 1-20 . As a result of the allowed claim(s), you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see **http://www.uspto.gov/patents/init_events/pph/index.jsp** or send an inquiry to **PPHfeedback@uspto.gov.**

4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

   Certified copies:

   a) ☐ All b) ☐ Some* c) ☐ None of the:

   1. ☐ Certified copies of the priority documents have been received.
   2. ☐ Certified copies of the priority documents have been received in Application No. _____ .
   3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

   * Certified copies not received: _____ .

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
   ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____ .

   Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☑ Notice of References Cited (PTO-892)
2. ☑ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date 06/15/2023.
3. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material _____.
4. ☐ Interview Summary (PTO-413), Paper No./Mail Date. _____.
5. ☐ Examiner's Amendment/Comment
6. ☑ Examiner's Statement of Reasons for Allowance
7. ☐ Other _____.

/NAZIA NAOREEN/
Examiner, Art Unit 2458

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 15 of 439

DETAILED ACTION

Status of Claims:

1. Claims 1 – 20 are allowed over prior art of record.

Notice of Pre-AIA or AIA Status

2. The present application, filed on or after March 16, 2013, is being examined under the first inventor to file provisions of the AIA.

Information Disclosure Statement

3. The information disclosure statement (IDS) was submitted on 06/15/2023. The submission is in compliance with the provisions of 37 CFR 1.97. Accordingly, the information disclosure statement is being considered by the examiner.

Allowable Subject Matter

4. Claims 1 – 20 are allowed.

Reasons for Allowance

5. The following is an examiner's statement of reasons for allowance:

Examiner performed updated search and additional search does not yield other specific references that reasonably, either singularly or in combination with cited references, would result a proper rejection that would have anticipated or made obvious all the steps disclosed in the claims with proper motivation at or before the time it was effectively filed.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to NAZIA NAOREEN whose telephone number is (571)270-7282. The examiner can normally be reached M-F: 9:00 - 6:00.

Examiner interviews are available via telephone, in-person, and video conferencing using a USPTO supplied web-based collaboration tool. To schedule an interview, applicant is encouraged to use the USPTO Automated Interview Request (AIR) at http://www.uspto.gov/interviewpractice.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kevin Bates can be reached on 571-272-3980. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of published or unpublished applications may be obtained from Patent Center. Unpublished application information in Patent Center is available to registered users. To file and manage patent submissions in Patent Center, visit: https://patentcenter.uspto.gov. Visit https://www.uspto.gov/patents/apply/patent-center for more information about Patent Center and https://www.uspto.gov/patents/docx for information about filing in DOCX format. For additional questions, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/NAZIA NAOREEN/
Examiner, Art Unit 2458

Notice of References Cited	Application/Control No. 17/472,031	Applicant(s)/Patent Under Reexamination Swerdlow, Nick	
	Examiner NAZIA NAOREEN	Art Unit 2458	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	CPC Classification	US Classification
*	A	US-20100198646-A1	08-2010	Mikan; Jeffrey Clinton	G01C21/3438	701/119
*	B	US-20100274855-A1	10-2010	Wassingbo; Tomas Karl-Axel	G06Q10/109	709/206
*	C	US-20120185534-A1	07-2012	ZIMMET; CAROL SUE	G06Q10/109	709/204
*	D	US-20190392395-A1	12-2019	Valliani; Jamil Amirali	G06Q10/109	1/1
*	E	US-8437461-B1	05-2013	Gartner; Jeffrey G.	H04M3/565	379/202.01
*	F	US-9146115-B2	09-2015	Geffner; Steven Paul	G01C21/3697	1/1
	G					
	H					
	I					
	J					
	K					
	L					
	M					

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	CPC Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 18 of 439

Issue Classification	Application/Control No.	Applicant(s)/Patent Under Reexamination
	17/472,031	Swerdlow, Nick
	Examiner	**Art Unit**
	NAZIA NAOREEN	2458

CPC						
Symbol					**Type**	**Version**
H04L	/	12	/	1818	F	2013-01-01
H04L	/	12	/	1822	I	2013-01-01
H04L	/	51	/	046	I	2013-01-01

CPC Combination Sets								
Symbol					**Type**	**Set**	**Ranking**	**Version**
	/		/					

NONE		Total Claims Allowed:	
(Assistant Examiner)	(Date)	20	
/NAZIA NAOREEN/ Examiner, Art Unit 2458	30 June 2023	O.G. Print Claim(s)	O.G. Print Figure
(Primary Examiner)	(Date)	1	8

U.S. Patent and Trademark Office — Part of Paper No.: 20230630

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 19 of 439

Issue Classification	Application/Control No.	Applicant(s)/Patent Under Reexamination
	17/472,031	Swerdlow, Nick
	Examiner	**Art Unit**
	NAZIA NAOREEN	2458

INTERNATIONAL CLASSIFICATION				
CLAIMED				
H04L	/	12	/	18
H04L	/	12	/	58

NON-CLAIMED				
	/		/	

US ORIGINAL CLASSIFICATION	
CLASS	**SUBCLASS**

CROSS REFERENCES(S)						
CLASS	**SUBCLASS (ONE SUBCLASS PER BLOCK)**					

NONE		Total Claims Allowed:	
(Assistant Examiner)	(Date)	20	
/NAZIA NAOREEN/ Examiner, Art Unit 2458	30 June 2023	O.G. Print Claim(s)	O.G. Print Figure
(Primary Examiner)	(Date)	1	8

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 20 of 439

Issue Classification	Application/Control No.	Applicant(s)/Patent Under Reexamination
	17/472,031	Swerdlow, Nick
	Examiner	**Art Unit**
	NAZIA NAOREEN	2458

☑ Claims renumbered in the same order as presented by applicant ☐ CPA ☐ T.D. ☐ R.1.47

CLAIMS

Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original
	1		10		19										
	2		11		20										
	3		12												
	4		13												
	5		14												
	6		15												
	7		16												
	8		17												
	9		18												

NONE (Assistant Examiner)	(Date)	**Total Claims Allowed:** 20	
/NAZIA NAOREEN/ Examiner, Art Unit 2458 (Primary Examiner)	30 June 2023 (Date)	O.G. Print Claim(s) 1	O.G. Print Figure 8

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 21 of 439

Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
	17/472,031	Swerdlow, Nick
	Examiner	Art Unit
	NAZIA NAOREEN	2458

CPC - Searched*		
Symbol	**Date**	**Examiner**
H04L12/1818	03/26/2022	NN
H04L12/1822	03/26/2022	NN
H04L51/046	03/26/2022	NN
Updated Search	09/13/2022	NN
Updated Search	02/11/2023	NN
Updated Search	06/02/2023	NN
Updated Search	06/30/2023	NN

CPC Combination Sets - Searched*		
Symbol	**Date**	**Examiner**

US Classification - Searched*			
Class	**Subclass**	**Date**	**Examiner**

* See search history printout included with this form or the SEARCH NOTES box below to determine the scope of the search.

/NAZIA NAOREEN/ Examiner, Art Unit 2458	

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 22 of 439

Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
	17/472,031	Swerdlow, Nick
	Examiner	Art Unit
	NAZIA NAOREEN	2458

Search Notes		
Search Notes	**Date**	**Examiner**
Inventor and Assignee	03/26/2022	NN
PE2ESEARCH (US-PGPUB, USPAT, USOCR, FIT, FPRS, EPO, JPO, DERWENT, IBM TDB)	03/26/2022	NN
Classification and Double Patenting	03/26/2022	NN
IP.com search, Google Scholar search	03/26/2022	NN
Updated Search, IP.com search, Google Scholar search	09/13/2022	NN
Updated Search, IP.com search, Google Scholar search	02/11/2023	NN
Updated Search, IP.com search, Google Scholar search	06/02/2023	NN
Updated Search, IP.com search, Google Scholar search	06/30/2023	NN

Interference Search			
US Class/CPC Symbol	**US Subclass/CPC Group**	**Date**	**Examiner**
	Text Search US PG-PUB	06/02/2023	NN
	Text Search US PG-PUB	06/30/2023	NN

/NAZIA NAOREEN/ Examiner, Art Unit 2458	

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 23 of 439

Index of Claims	Application/Control No.	Applicant(s)/Patent Under Reexamination
	17/472,031	Swerdlow, Nick
	Examiner	Art Unit
	NAZIA NAOREEN	2458

✓	Rejected	-	Cancelled	N	Non-Elected	A	Appeal
=	Allowed	÷	Restricted	I	Interference	O	Objected

CLAIMS

☑ Claims renumbered in the same order as presented by applicant ☐ CPA ☐ T.D. ☐ R.1.47

CLAIM		DATE								
Final	Original	03/26/2022	09/13/2022	02/11/2023	06/02/2023	06/30/2023				
	1	✓	✓	✓	=	=				
	2	✓	✓	✓	=	=				
	3	✓	✓	✓	=	=				
	4	✓	✓	✓	=	=				
	5	✓	✓	✓	=	=				
	6	✓	✓	✓	=	=				
	7	✓	✓	✓	=	=				
	8	✓	✓	✓	=	=				
	9	✓	✓	✓	=	=				
	10	✓	✓	✓	=	=				
	11	✓	✓	✓	=	=				
	12	✓	✓	✓	=	=				
	13	✓	✓	✓	=	=				
	14	✓	✓	✓	=	=				
	15	✓	✓	✓	=	=				
	16	✓	✓	✓	=	=				
	17	✓	✓	✓	=	=				
	18	✓	✓	✓	=	=				
	19	✓	✓	✓	=	=				
	20	✓	✓	✓	=	=				

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 24 of 439

Doc code: IDS
Doc description: Information Disclosure Statement (IDS) Filed

PTO/SB/08a (01-22)
Approved for use through 05/31/2024. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Not for submission under 37 CFR 1.99)

Application Number	17472031
Filing Date	2021-09-10
First Named Inventor	Nick Swerdlow
Art Unit	2458
Examiner Name	N. Naoreen
Attorney Docket Number	ZOOM-164-B

U.S.PATENTS Remove

Examiner Initial*	Cite No	Patent Number	Kind Code[1]	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1					

If you wish to add additional U.S. Patent citation information please click the Add button. Add

U.S.PATENT APPLICATION PUBLICATIONS Remove

Examiner Initial*	Cite No	Publication Number	Kind Code[1]	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	20100037151	A1	2010-02-11	Ackerman et al.	
	2	20110161834	A1	2011-06-30	Shadfar et al.	
	3	20220321616	A1	2022-10-06	Chopdekar et al.	

If you wish to add additional U.S. Published Application citation information please click the Add button. Add

FOREIGN PATENT DOCUMENTS Remove

Examiner Initial*	Cite No	Foreign Document Number[3]	Country Code[2] i	Kind Code[4]	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	T[5]
	1							

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 25 of 439

ALL REFERENCES CONSIDERED EXCEPT WHERE [illegible]

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Not for submission under 37 CFR 1.99)

Application Number	17472031
Filing Date	2021-09-10
First Named Inventor	Nick Swerdlow
Art Unit	2458
Examiner Name	N. Naoreen
Attorney Docket Number	ZOOM-164-B

If you wish to add additional Foreign Patent Document citation information please click the Add button [Add]

NON-PATENT LITERATURE DOCUMENTS [Remove]

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T[5]
	1		

If you wish to add additional non-patent literature document citation information please click the Add button [Add]

EXAMINER SIGNATURE

Examiner Signature	/NAZIA NAOREEN/	Date Considered	06/30/2023

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

[1] See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. [2] Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). [3] For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. [4] Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. [5] Applicant is to place a check mark here if English language translation is attached.

ALL REFERENCES CONSIDERED EXCEPT WHERE [illegible]

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 26 of 439

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Not for submission under 37 CFR 1.99)

Application Number	17472031
Filing Date	2021-09-10
First Named Inventor	Nick Swerdlow
Art Unit	2458
Examiner Name	N. Naoreen
Attorney Docket Number	ZOOM-164-B

CERTIFICATION STATEMENT

Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

OR

☐ That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

See attached certification statement.

The fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

☒ A certification statement is not submitted herewith.

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/Neil C. Maskeri/	Date (YYYY-MM-DD)	2023-06-15
Name/Print	Neil C. Maskeri	Registration Number	61,591

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 hour to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 27 of 439

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these record s.

2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.

3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.

4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).

5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.

6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).

7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.

8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.

9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /XD/

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 28 of 439

Search History

Report Run Date: 2023-07-01 UTC
Searches: 5
Markers: 0

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 29 of 439

Search #	Timestamp	Results	Page
1	2023-07-01 01:52 UTC	12,278,860	3
2	2023-07-01 01:56 UTC	2,349,163	4
3	2023-07-01 02:01 UTC	2,609,538	4
4	2023-07-01 02:06 UTC	881,089	4
5	2023-07-01 02:12 UTC	16,086,204	4

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 30 of 439

Content: Patents + NPL (192)

US Patents | US Designs | US Applications | EPO Patents | EPO Applications | China Patents | China Applications | Japan Patents | Japan Applications | Korea Patents | Korea Applications | WIPO Applications | Argentina Patents | Argentina Applications | Brazil Patents | Brazil Applications | Canada Patents | Canada Applications | Chile Patents | Chile Applications | Colombia Applications | Costa Rica Applications | Cuba Patents | Cuba Applications | Dominican Republic Applications | Ecuador Patents | Ecuador Applications | El Salvador Applications | Guatemala Applications | Honduras Applications | Mexico Patents | Mexico Applications | Nicaragua Patents | Panama Applications | Peru Applications | Trinidad & Tobago Patents | Uruguay Applications | Austria Patents | Austria Applications | Belarus Patents | Belgium Patents | Belgium Applications | Bosnia & Herzegovina Patents | Bosnia & Herzegovina Applications | Bulgaria Patents | Bulgaria Applications | Croatia Patents | Croatia Applications | Czech Republic Patents | Czech Republic Applications | Czechoslovakia Patents | Czechoslovakia Applications | Denmark Patents | Denmark Applications | Estonia Patents | Estonia Applications | EUIPO Patents | Finland Patents | Finland Applications | France Patents | France Applications | Germany Patents | Germany Applications | Great Britain Patents | Great Britain Applications | Greece Patents | Greece Applications | Hungary Patents | Hungary Applications | Iceland Patents | Iceland Applications | Ireland Patents | Ireland Applications | Italy Patents | Italy Applications | Latvia Patents | Latvia Applications | Lithuania Patents | Lithuania Applications | Luxembourg Patents | Luxembourg Applications | Malta Patents | Monaco Patents | Montenegro Patents | Montenegro Applications | Netherlands Patents | Netherlands Applications | Norway Patents | Norway Applications | Poland Patents | Poland Applications | Portugal Patents | Portugal Applications | Republic of Moldova Patents | Republic of Moldova Applications | Romania Patents | Romania Applications | San Marino Patents | San Marino Applications | Serbia Patents | Serbia Applications | Slovakia Patents | Slovakia Applications | Slovenia Patents | Spain Patents | Spain Applications | Sweden Patents | Sweden Applications | Switzerland Patents | Switzerland Applications | Ukraine Patents | Yugoslavia/Serbia and Montenegro Patents | Yugoslavia/Serbia and Montenegro Applications | Armenia Patents | Australia Patents | Australia Applications | Cyprus Patents | Gulf Cooperation Council Patents | Hong Kong Patents | India Patents | India Applications | Indonesia Patents | Indonesia Applications | Israel Patents | Israel Applications | Jordan Patents | Jordan Applications | Kyrgyzstan Patents | Macao Applications | Malaysia Patents | Mongolia Patents | New Zealand Patents | Philippines Patents | Philippines Applications | Saudi Arabia Patents | Saudi Arabia Applications | Singapore Patents | Singapore Applications | Taiwan Patents | Taiwan Applications | Tajikistan Patents | Tajikistan Applications | Thailand Patents | Thailand Applications | Uzbekistan Patents | Vietnam Patents | Algeria Patents | ARIPO Patents | ARIPO Applications | Egypt Patents | Kenya Patents | Malawi Patents | Morocco Patents | Morocco Applications | OAPI Patents | South Africa Patents | Tunisia Applications | Zambia Patents | Zimbabwe Patents | EAPO Patents | EAPO Applications | Georgia Patents | Georgia Applications | Kazakhstan Patents | Kazakhstan Applications | Russia Patents | Russia Applications | Turkey Patents | Turkey Applications | IEEE Xplore Publications: IEEE Periodicals | IEEE Xplore Publications: IEEE Conferences | IEEE Xplore Publications: IEEE Standards | IEEE Xplore Publications: IEEE Early Access | IEEE Xplore Publications: SMPTE Periodicals | IEEE Xplore Publications: SMPTE Conferences | IEEE Xplore Publications: SMPTE Standards | IEEE Xplore Publications: MIT Press eBooks | IEEE Xplore Publications: Wiley-IEEE eBooks | IEEE Xplore Publications: IBM Periodicals | IEEE Xplore Publications: URSI Periodicals | IEEE Xplore Publications: VDE Conferences | IEEE Xplore Publications: Periodicals from China | IP.com Prior Art Database: The IP.com Journal | IP.com Prior Art Database: Internet Society RFC | IP.com Prior Art Database: IBM TDB Archive | IP.com Prior Art Database: Legacy Journals | IP.com Prior Art Database: Software Patent Institute | OnePetro.org: Periodicals at OnePetro.org | OnePetro.org: Conferences at OnePetro.org | Other Literature: IBM Redbooks | Other Literature: PubMed Central | Other Literature: arXiv.org

1 **2023-07-01 01:52 UTC | 12,278,860 results from**

De-Dup: None | **Relevance Cut-off:** None | **Sort:** Relevance

Main Concept: Text

persistent expandable panel that remains on top of a display of the client device and includes a single-click response

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 31 of 439

option to initiate an in-conference communication application

Concept Modifiers: None

Filters: None

2 **2023-07-01 01:56 UTC | 2,349,163 results from**

De-Dup: None | **Relevance Cut-off:** None | **Sort:** Relevance

Main Concept: Text
persistent expandable panel and application and top of display

Concept Modifiers: None

Filters: None

3 **2023-07-01 02:01 UTC | 2,609,538 results from**

De-Dup: None | **Relevance Cut-off:** None | **Sort:** Relevance

Main Concept: Text
single click and initiate communication application

Concept Modifiers: None

Filters: None

4 **2023-07-01 02:06 UTC | 881,089 results from**

De-Dup: None | **Relevance Cut-off:** None | **Sort:** Relevance

Main Concept: Text
conference and communication application and chat message

Concept Modifiers: None

Filters: None

5 **2023-07-01 02:12 UTC | 16,086,204 results from**

De-Dup: None | **Relevance Cut-off:** None | **Sort:** Relevance

Main Concept: Text
conference and chat message and topic update and communication application

Concept Modifiers: None

Filters: None

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 32 of 439

Bibliographic Data

Application No: 17/472,031

Foreign Priority claimed: ○ Yes ◉ No

35 USC 119 (a-d) conditions met: ☐ Yes ☑ No ☐ Met After Allowance

Verified and Acknowledged: /NAZIA NAOREEN/ Examiner's Signature | Initials

Title: Messaging Conference Participants Prior To Joining A Conference

---

FILING or 371(c) DATE	CLASS	GROUP ART UNIT	ATTORNEY DOCKET NO.
09/10/2021	709	2458	ZOOM-164-B
RULE			

APPLICANTS

Zoom Video Communications, Inc., San Jose, CA,

INVENTORS

Nick Swerdlow, Santa Clara, CA, UNITED STATES

CONTINUING DATA

FOREIGN APPLICATIONS

IF REQUIRED, FOREIGN LICENSE GRANTED**

09/21/2021

STATE OR COUNTRY

UNITED STATES

ADDRESS

Zoom Video Communications, Inc. at Young Basile
3001 West Big Beaver Rd., Ste. 624
Troy, MI 48084
UNITED STATES

FILING FEE RECEIVED

$1,820

Web Search History

date, time	web site	search string
6/30/2023 9:52:02 PM	Google Scholar	persistent expandable panel that remains on top of a display of the client device and includes a single-click response option to initiate an in-conference communication application
6/30/2023 9:56:27 PM	Google Scholar	persistent expandable panel and application and top of display
6/30/2023 10:01:10 PM	Google Scholar	single click and initiate communication application
6/30/2023 10:12:15 PM	Google Scholar	conference and participant information and attendance time
6/30/2023 10:12:42 PM	Google Scholar	conference and chat message and topic update and communication application

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 34 of 439

PE2E SEARCH - Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	British Equivalents	Time Stamp
L219	8	("20100037151"|"20110161834"|"20220321616").PN.	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/30 09:43 PM
L220	0	updat$3 near5 topic near5 chat AND ("20100037151"|"20110161834"|"20220321616").PN.	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/30 09:44 PM
L221	0	updat$3 near5 topic AND ("20100037151"|"20110161834"|"20220321616").PN.	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/30 09:44 PM
L222	0	topic near5 chat AND ("20100037151"|"20110161834"|"20220321616").PN.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU,	ADJ	ON	ON	2023/06/30 09:44 PM

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 35 of 439

			CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L223	0	topic SAME chat AND ("20100037151"|"20110161834"|"20220321616").PN.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/30 09:44 PM
L224	1	expandable panel SAME conference	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/30 09:45 PM
L225	12	expand$3 NEAR panel SAME conference	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA,	ADJ	ON	ON	2023/06/30 09:45 PM

			VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L226	60	extend$3 NEAR panel SAME conference	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/30 09:45 PM
L227	295	expandable AND (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/30 09:45 PM
L228	1	expandable near5 panel AND (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/30 09:45 PM
L229	5	expandable near5 menu AND (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB,	ADJ	ON	ON	2023/06/30 09:45 PM

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 37 of 439

			HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L230	21	expandable near5 menu near5 information AND conference	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/30 09:45 PM
L231	417	expandable near5 information AND conference	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/30 09:45 PM
L232	7	expandable near5 information SAME conference	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT;	ADJ	ON	ON	2023/06/30 09:45 PM

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 38 of 439

			IBM_TDB)				
L233	20	expandable near5 information SAME meeting	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/30 09:45 PM
L234	3200	expandable SAME meeting	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/30 09:45 PM
L235	0	exexpandable SAME meeting (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/30 09:45 PM
L236	0	expandable SAME meeting (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV,	ADJ	ON	ON	2023/06/30 09:45 PM

			MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L237	15	expandable SAME meeting AND (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/30 09:45 PM
L238	31	expandable near10 information AND (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/30 09:45 PM
L239	11962	persistent SAME panel	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/30 09:45 PM
L240	1	persistent near5	(US-PGPUB; USPAT;	ADJ	ON	ON	2023/06/30

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 40 of 439

		expandable near5 panel	USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)				09:45 PM
L241	52	persistent SAME panel AND (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/30 09:45 PM
L242	3	persistent SAME panel SAME top NEAR display AND (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/30 09:45 PM
L243	9	persistent SAME panel SAME top NEAR display	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL,	ADJ	ON	ON	2023/06/30 09:45 PM

			PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L244	3	persistent SAME panel AND top NEAR display AND (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/30 09:45 PM
L245	5	remains NEAR top NEAR display AND (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/30 09:45 PM
L246	59	remains NEAR top NEAR display AND persistent	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/30 09:45 PM
L247	14	conference AND (yet AND prior) near5 join$3 AND chat message	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY,	ADJ	ON	ON	2023/06/30 09:45 PM

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 42 of 439

			CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L248	4	conference AND yet near5 join$3 SAME chat message	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/30 09:45 PM
L249	15	conference AND late SAME chat message	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/30 09:45 PM
L250	39	meeting AND late SAME chat message	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH,	ADJ	ON	ON	2023/06/30 09:45 PM

			TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L251	4	meeting AND yet near5 join$3 SAME chat message	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/30 09:45 PM
L252	0	late SAME chat (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/30 09:45 PM
L253	205	late SAME chat AND (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/30 09:45 PM
L254	10	late SAME chat message AND (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA,	ADJ	ON	ON	2023/06/30 09:45 PM

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 44 of 439

			EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L255	46	late SAME chat SAME message AND (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/30 09:45 PM
L256	15	late SAME chat SAME message SAME (updat$3 OR topic OR agenda) AND (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/30 09:45 PM
L257	79	late SAME chat SAME message SAME (updat$3 OR topic OR agenda)	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO;	ADJ	ON	ON	2023/06/30 09:45 PM

			JPO; DERWENT; IBM_TDB)				
L258	46	(conference OR meeting OR collaboration) AND late SAME chat SAME message SAME (updat$3 OR topic OR agenda)	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/30 09:45 PM
L259	11129	(conference OR meeting OR collaboration) AND late SAME (updat$3 OR topic OR agenda)	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/30 09:45 PM
L260	11	(conference OR meeting OR collaboration) AND late SAME updat$3 near5 (topic OR agenda)	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/30 09:45 PM
L261	3	late SAME updat$3 near5 (topic OR agenda) AND (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS,	ADJ	ON	ON	2023/06/30 09:45 PM

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 46 of 439

			IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L262	466	late SAME updat$3 AND (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/30 09:45 PM
L263	88	late SAME (topic OR agenda) AND (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/30 09:45 PM
L264	1217	late SAME (topic OR agenda) AND (conference OR meeting)	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/30 09:45 PM

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 47 of 439

L265	72	late SAME (delay$3 OR mov$3 OR resschedul$3 OR chang$3) near5 (topic OR agenda) AND (conference OR meeting)	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/30 09:45 PM
L266	1	expandable panel SAME conference	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/30 09:45 PM
L267	12	expand$3 NEAR panel SAME conference	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/30 09:45 PM
L268	60	extend$3 NEAR panel SAME conference	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO,	ADJ	ON	ON	2023/06/30 09:45 PM

			MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L269	295	expandable AND (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/30 09:45 PM
L270	1	expandable near5 panel AND (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/30 09:45 PM
L271	5	expandable near5 menu AND (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/30 09:45 PM
L272	21	expandable near5 menu near5 information	(US-PGPUB; USPAT; USOCR; FIT (AP, AT,	ADJ	ON	ON	2023/06/30 09:45 PM

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 49 of 439

		AND conference	AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L273	417	expandable near5 information AND conference	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/30 09:45 PM
L274	7	expandable near5 information SAME conference	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/30 09:45 PM
L275	20	expandable near5 information SAME meeting	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE,	ADJ	ON	ON	2023/06/30 09:45 PM

			SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L276	3200	expandable SAME meeting	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/30 09:45 PM
L277	0	exexpandable SAME meeting (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/30 09:45 PM
L278	0	expandable SAME meeting (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/30 09:45 PM
L279	15	expandable SAME meeting AND (H04L12/1818 OR H04L12/1822 OR	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU,	ADJ	ON	ON	2023/06/30 09:45 PM

		H04L51/046).cpc.	CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L280	31	expandable near10 information AND (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/30 09:45 PM
L281	11962	persistent SAME panel	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/30 09:45 PM
L282	1	persistent near5 expandable near5 panel	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA,	ADJ	ON	ON	2023/06/30 09:45 PM

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 52 of 439

			VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L283	52	persistent SAME panel AND (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/30 09:45 PM
L284	3	persistent SAME panel SAME top NEAR display AND (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/30 09:45 PM
L285	9	persistent SAME panel SAME top NEAR display	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/30 09:45 PM
L286	3	persistent SAME panel AND top NEAR display AND (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB,	ADJ	ON	ON	2023/06/30 09:45 PM

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 53 of 439

			HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L287	5	remains NEAR top NEAR display AND (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/30 09:45 PM
L288	59	remains NEAR top NEAR display AND persistent	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/30 09:45 PM
L289	1580	duration near5 participant near5 (conference OR meeting)	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT;	ADJ	ON	ON	2023/06/30 09:45 PM

			IBM_TDB)				
L290	498	duration near5 participant near5 (conference OR meeting) AND (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/30 09:45 PM
L291	88	(duration OR time) near5 been near5 participant near5 (conference OR meeting) AND (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/30 09:45 PM
L292	667	(duration OR time) near5 attend$4 near5 participant near5 (conference OR meeting)	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/30 09:45 PM
L293	28	(duration OR time) near5 has near5 attend$4 near5 participant near5 (conference OR meeting)	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV,	ADJ	ON	ON	2023/06/30 09:45 PM

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 55 of 439

			MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L294	157	(duration OR time) near5 has been near5 participant near5 (conference OR meeting)	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/30 09:45 PM
L295	0	(duration OR time) near5 has been near5 attending near5 participant near5 (conference OR meeting)	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/30 09:45 PM
L296	128	(duration OR time) near5 attending near5 participant near5 (conference OR meeting)	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/30 09:45 PM
L297	214	(H04L12/1818 AND	(US-PGPUB; USPAT;	ADJ	ON	ON	2023/06/30

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 56 of 439

		H04L12/1822 AND H04L51/046).cpc.	USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)				09:45 PM
L298	2	vehicle AND eta AND (H04L12/1818 AND H04L12/1822 AND H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/30 09:45 PM
L299	2	eta AND (H04L12/1818 AND H04L12/1822 AND H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/30 09:45 PM
L300	11	late AND (H04L12/1818 AND H04L12/1822 AND H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL,	ADJ	ON	ON	2023/06/30 09:45 PM

			PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L301	8	(prewritten OR predetermined) NEAR messages AND (H04L12/1818 AND H04L12/1822 AND H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/30 09:45 PM
L302	62	(vehicle OR automobile OR car) AND eta AND (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/30 09:45 PM
L303	0	(prewritten OR predetermined) NEAR messages (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/30 09:45 PM
L304	735	(prewritten OR predetermined) NEAR messages AND	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY,	ADJ	ON	ON	2023/06/30 09:45 PM

		(H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L305	10	(prewritten OR predetermined) NEAR messages AND estimated time NEAR arrival AND (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/30 09:45 PM
L306	5	(prewritten OR predetermined) NEAR messages AND eta AND (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/30 09:45 PM
L307	80	(prewritten OR predetermined) NEAR messages AND eta AND conference	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH,	ADJ	ON	ON	2023/06/30 09:45 PM

			TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L308	5316	(prewritten OR predetermined) NEAR messages AND conference	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/30 09:45 PM
L309	33	(prewritten OR predetermined) NEAR messages AND conference AND yet near5 join$3	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/30 09:45 PM
L310	5	(prewritten OR predetermined) NEAR messages AND conference AND yet near5 join$3 AND eta	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/30 09:45 PM
L311	20	((("SWERDLOW") near3 ("Nick"))).INV.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	ADJ	ON	ON	2023/06/30 09:45 PM
L312	103	((("ZOOM") near3	(USPAT)	ADJ	ON	ON	2023/06/30

		("VIDEO") near3 ("COMMUNICATIONS") near3 ("INC")).AS.AANM.					09:45 PM
L313	27	L216 AND L217	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/30 09:45 PM

PE2E SEARCH - Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	British Equivalents	Time Stamp
N38	75	(H04L12/1818 AND H04L12/1822 AND H04L51/046).cpc.	(US-PGPUB; USPAT)	ADJ	ON	ON	2023/06/30 09:46 PM
N39	1	(conference communication application).clm. AND (H04L12/1818 AND H04L12/1822 AND H04L51/046).cpc.	(US-PGPUB; USPAT)	ADJ	ON	ON	2023/06/30 09:46 PM
N40	1	(conference AND communication application).clm. AND (H04L12/1818 AND H04L12/1822 AND H04L51/046).cpc.	(US-PGPUB; USPAT)	ADJ	ON	ON	2023/06/30 09:46 PM
N41	1	(conference AND communication AND application).clm. AND (H04L12/1818 AND H04L12/1822 AND H04L51/046).cpc.	(US-PGPUB; USPAT)	ADJ	ON	ON	2023/06/30 09:46 PM
N42	1	(conference AND communication AND graphical AND expandable).clm. AND (H04L12/1818 AND H04L12/1822 AND H04L51/046).cpc.	(US-PGPUB; USPAT)	ADJ	ON	ON	2023/06/30 09:46 PM
N43	6	(conference AND communication AND	(US-PGPUB; USPAT)	ADJ	ON	ON	2023/06/30 09:46 PM

		graphical AND expandable).clm.					
N44	1	(conference communication application).clm.	(US-PGPUB; USPAT)	ADJ	ON	ON	2023/06/30 09:46 PM
N45	2223	(conference AND communication AND application).clm.	(US-PGPUB; USPAT)	ADJ	ON	ON	2023/06/30 09:46 PM
N46	150	(conference AND communication application).clm.	(US-PGPUB; USPAT)	ADJ	ON	ON	2023/06/30 09:46 PM
N47	1	(conference AND communication application AND expandable panel).clm.	(US-PGPUB; USPAT)	ADJ	ON	ON	2023/06/30 09:46 PM
N48	1	(conference AND communication application AND single click).clm.	(US-PGPUB; USPAT)	ADJ	ON	ON	2023/06/30 09:46 PM
N49	1	(conference AND chat message AND update NEAR topic).clm. AND (H04L12/1818 AND H04L12/1822 AND H04L51/046).cpc.	(US-PGPUB; USPAT)	ADJ	ON	ON	2023/06/30 09:46 PM
N50	1	(conference AND chat message AND update SAME topic).clm. AND (H04L12/1818 AND H04L12/1822 AND H04L51/046).cpc.	(US-PGPUB; USPAT)	ADJ	ON	ON	2023/06/30 09:46 PM
N51	1	(conference communication application).clm. AND (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT)	ADJ	ON	ON	2023/06/30 09:46 PM
N52	2	(conference AND communication AND graphical AND expandable).clm. AND (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT)	ADJ	ON	ON	2023/06/30 09:46 PM
N53	1	(conference AND chat message AND update NEAR topic).clm. AND (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT)	ADJ	ON	ON	2023/06/30 09:46 PM
N54	1	(conference AND chat message AND update SAME topic).clm. AND (H04L12/1818 OR	(US-PGPUB; USPAT)	ADJ	ON	ON	2023/06/30 09:46 PM

		H04L12/1822 OR H04L51/046).cpc.					
N55	1	(conference AND chat message AND update SAME topic).clm.	(US-PGPUB; USPAT)	ADJ	ON	ON	2023/06/30 09:46 PM
N56	1	(conference AND chat message AND update AND topic).clm.	(US-PGPUB; USPAT)	ADJ	ON	ON	2023/06/30 09:46 PM
N57	14	(conference AND chat AND update AND topic).clm.	(US-PGPUB; USPAT)	ADJ	ON	ON	2023/06/30 09:46 PM
N58	10	(conference AND chat AND message AND update AND topic).clm.	(US-PGPUB; USPAT)	ADJ	ON	ON	2023/06/30 09:46 PM
N59	5	(conference AND chat AND application AND update AND topic).clm.	(US-PGPUB; USPAT)	ADJ	ON	ON	2023/06/30 09:46 PM
N60	2177	(H04L12/18 AND H04L12/58).ipc.	(US-PGPUB; USPAT)	ADJ	ON	ON	2023/06/30 09:46 PM
N61	0	(conference communication application).clm. AND (H04L12/18 AND H04L12/58).ipc.	(US-PGPUB; USPAT)	ADJ	ON	ON	2023/06/30 09:46 PM
N62	0	(conference AND communication AND graphical AND expandable).clm. AND (H04L12/18 AND H04L12/58).ipc.	(US-PGPUB; USPAT)	ADJ	ON	ON	2023/06/30 09:46 PM
N63	1	(conference AND communication AND graphical AND expandable) clm. AND (H04L12/18 OR H04L12/58).ipc.	(US-PGPUB; USPAT)	ADJ	ON	ON	2023/06/30 09:46 PM
N64	0	(conference AND communication application AND single click).clm. AND (H04L12/18 AND H04L12/58).ipc.	(US-PGPUB; USPAT)	ADJ	ON	ON	2023/06/30 09:46 PM
N65	1	(conference AND communication application AND single click) clm. AND (H04L12/18 OR H04L12/58).ipc.	(US-PGPUB; USPAT)	ADJ	ON	ON	2023/06/30 09:46 PM
N66	0	(conference AND chat AND update AND topic).clm. AND (H04L12/18 AND H04L12/58).ipc.	(US-PGPUB; USPAT)	ADJ	ON	ON	2023/06/30 09:46 PM
N67	5	(conference AND chat	(US-PGPUB; USPAT)	ADJ	ON	ON	2023/06/30

		AND update AND topic).clm. AND (H04L12/18 OR H04L12/58).ipc.					09:46 PM
N68	0	(conference AND chat AND message AND update AND topic).clm. AND (H04L12/18 AND H04L12/58).ipc.	(US-PGPUB; USPAT)	ADJ	ON	ON	2023/06/30 09:46 PM
N69	3	(conference AND chat AND message AND update AND topic).clm. AND (H04L12/18 OR H04L12/58).ipc.	(US-PGPUB; USPAT)	ADJ	ON	ON	2023/06/30 09:46 PM
N70	0	(conference AND chat AND application AND update AND topic).clm. AND (H04L12/18 AND H04L12/58).ipc.	(US-PGPUB; USPAT)	ADJ	ON	ON	2023/06/30 09:46 PM
N71	1	(conference AND chat AND application AND update AND topic).clm. AND (H04L12/18 OR H04L12/58).ipc.	(US-PGPUB; USPAT)	ADJ	ON	ON	2023/06/30 09:46 PM
N72	349	((("ZOOM") near3 ("VIDEO") near3 ("COMMUNICATIONS") near3 ("INC"))).AS,AANM.	(US-PGPUB; USPAT)	ADJ	ON	ON	2023/06/30 09:46 PM
N73	20	((("SWERDLOW") near3 ("Nick"))).INV.	(US-PGPUB; USPAT)	ADJ	ON	ON	2023/06/30 09:46 PM
N74	20	N35 AND N36	(US-PGPUB; USPAT)	ADJ	ON	ON	2023/06/30 09:46 PM

PTO/SB/08a (01-22)
Approved for use through 05/31/2024. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Not for submission under 37 CFR 1.99)

Application Number	17472031
Filing Date	2021-09-10
First Named Inventor	Nick Swerdlow
Art Unit	2458
Examiner Name	N. Naoreen
Attorney Docket Number	ZOOM-164-B

U.S.PATENTS Remove

Examiner Initial*	Cite No	Patent Number	Kind Code[1]	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1					

If you wish to add additional U.S. Patent citation information please click the Add button. Add

U.S.PATENT APPLICATION PUBLICATIONS Remove

Examiner Initial*	Cite No	Publication Number	Kind Code[1]	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	20100037151	A1	2010-02-11	Ackerman et al.	
	2	20110161834	A1	2011-06-30	Shadfar et al.	
	3	20220321616	A1	2022-10-06	Chopdekar et al.	

If you wish to add additional U.S. Published Application citation information please click the Add button. Add

FOREIGN PATENT DOCUMENTS Remove

Examiner Initial*	Cite No	Foreign Document Number[3]	Country Code[2] i	Kind Code[4]	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	T[5]
	1							

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 65 of 439

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17472031
	Filing Date	2021-09-10
	First Named Inventor	Nick Swerdlow
	Art Unit	2458
	Examiner Name	N. Naoreen
	Attorney Docket Number	ZOOM-164-B

If you wish to add additional Foreign Patent Document citation information please click the Add button [Add]

NON-PATENT LITERATURE DOCUMENTS [Remove]

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T[5]
	1		

If you wish to add additional non-patent literature document citation information please click the Add button [Add]

EXAMINER SIGNATURE

Examiner Signature		Date Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

[1] See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. [2] Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). [3] For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. [4] Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. [5] Applicant is to place a check mark here if English language translation is attached.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17472031
	Filing Date	2021-09-10
	First Named Inventor	Nick Swerdlow
	Art Unit	2458
	Examiner Name	N. Naoreen
	Attorney Docket Number	ZOOM-164-B

CERTIFICATION STATEMENT

Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

OR

☐ That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

See attached certification statement.

The fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

☒ A certification statement is not submitted herewith.

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/Neil C. Maskeri/	Date (YYYY-MM-DD)	2023-06-15
Name/Print	Neil C. Maskeri	Registration Number	61,591

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 hour to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these record s.

2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.

3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.

4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).

5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.

6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).

7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.

8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.

9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Electronic Patent Application Fee Transmittal

Application Number:	17472031
Filing Date:	10-Sep-2021
Title of Invention:	Messaging Conference Participants Prior To Joining A Conference
First Named Inventor/Applicant Name:	Nick Swerdlow
Filer:	Neil C. Maskeri/Jessica Tumblin
Attorney Docket Number:	ZOOM-164-B

Filed as Large Entity

Filing Fees for Utility under 35 USC 111(a)

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Miscellaneous:				
RCE- 2ND AND SUBSEQUENT REQUEST	1820	1	2000	2000
		Total in USD ($)		**2000**

Electronic Acknowledgement Receipt

EFS ID:	48157199
Application Number:	17472031
International Application Number:	
Confirmation Number:	4940
Title of Invention:	Messaging Conference Participants Prior To Joining A Conference
First Named Inventor/Applicant Name:	Nick Swerdlow
Customer Number:	177453
Filer:	Neil C. Maskeri/Jessica Tumblin
Filer Authorized By:	Neil C. Maskeri
Attorney Docket Number:	ZOOM-164-B
Receipt Date:	15-JUN-2023
Filing Date:	10-SEP-2021
Time Stamp:	11:05:11
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	DA
Payment was successfully received in RAM	$2000
RAM confirmation Number	E20236EB08286336
Deposit Account	250115
Authorized User	Jessica Tumblin

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

37 CFR 1.16 (National application filing, search, and examination fees)

37 CFR 1.17 (Patent application and reexamination processing fees)

37 CFR 1.19 (Document supply fees)

37 CFR 1.20 (Post Issuance fees)

37 CFR 1.21 (Miscellaneous fees and charges)

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Request for Continued Examination (RCE)	ZOOM164B_Request_for_Continued_Examination_Fillable_PDF_20230614.pdf	1666936 8919d5c0737d479824f922c8f32bc652d53301d1	no	3
Warnings:					
Information:					
2	Information Disclosure Statement (IDS) Form (SB08)	ZOOM164B_Information_Disclosure_Statement_Fillable_PDF_20230614.pdf	1263207 532ccf0c2d8b33a4351f3b77e265e0ebf8020c14	no	4
Warnings:					
Information:					
3	Fee Worksheet (SB06)	fee-info.pdf	38138 15622c89496cd58d4479071838eab307f467e707	no	2
Warnings:					
Information:					
		Total Files Size (in bytes):	2968281		

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

Doc code: RCEX
Doc description: Request for Continued Examination (RCE)

PTO/SB/30EFS (01-22)
Approved for use through 05/31/2024. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

REQUEST FOR CONTINUED EXAMINATION(RCE)TRANSMITTAL
(Submitted Only via EFS-Web)

Application Number	17472031	Filing Date	2021-09-10	Docket Number (if applicable)	ZOOM-164-B	Art Unit	2458
First Named Inventor	Nick Swerdlow			Examiner Name	N. Naoreen		

This is a Request for Continued Examination (RCE) under 37 CFR 1.114 of the above-identified application.
Request for Continued Examination (RCE) practice under 37 CFR 1.114 does not apply to any utility or plant application filed prior to June 8, 1995, or to any design application. The Instruction Sheet for this form is located at WWW.USPTO.GOV

SUBMISSION REQUIRED UNDER 37 CFR 1.114

Note: If the RCE is proper, any previously filed unentered amendments and amendments enclosed with the RCE will be entered in the order in which they were filed unless applicant instructs otherwise. If applicant does not wish to have any previously filed unentered amendment(s) entered, applicant must request non-entry of such amendment(s).

☐ Previously submitted. If a final Office action is outstanding, any amendments filed after the final Office action may be considered as a submission even if this box is not checked.

- ☐ Consider the arguments in the Appeal Brief or Reply Brief previously filed on _____
- ☐ Other _____

☒ Enclosed

- ☐ Amendment/Reply
- ☒ Information Disclosure Statement (IDS)
- ☐ Affidavit(s)/ Declaration(s)
- ☐ Other _____

MISCELLANEOUS

☐ Suspension of action on the above-identified application is requested under 37 CFR 1.103(c) for a period of months _____ (Period of suspension shall not exceed 3 months; Fee under 37 CFR 1.17(i) required)

☐ Other _____

FEES

☒ **The RCE fee under 37 CFR 1.17(e) is required by 37 CFR 1.114 when the RCE is filed.**
The Director is hereby authorized to charge any underpayment of fees, or credit any overpayments, to Deposit Account No 25-0115

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

X Patent Practitioner Signature

Applicant Signature

PTO/SB/30EFS (01-22)
Approved for use through 05/31/2024. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Signature of Registered U.S. Patent Practitioner			
Signature	/Neil C. Maskeri/	Date (YYYY-MM-DD)	2023-06-15
Name	Neil C. Maskeri	Registration Number	61591

This collection of information is required by 37 CFR 1.114. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these records.

2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.

3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.

4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).

5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.

6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).

7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.

8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.

9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 75 of 439

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

NOTICE OF ALLOWANCE AND FEE(S) DUE

177453 7590 06/12/2023

Zoom Video Communications, Inc. at Young Basile
3001 West Big Beaver Rd., Ste. 624
Troy, MI 48084

EXAMINER	
NAOREEN, NAZIA	
ART UNIT	PAPER NUMBER
2458	

DATE MAILED: 06/12/2023

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
17/472,031	09/10/2021	Nick Swerdlow	ZOOM-164-B	4940

TITLE OF INVENTION: Messaging Conference Participants Prior To Joining A Conference

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	UNDISCOUNTED	$1200	$0.00	$0.00	$1200	09/12/2023

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the ENTITY STATUS shown above. If the ENTITY STATUS is shown as SMALL or MICRO, verify whether entitlement to that entity status still applies.

If the ENTITY STATUS is the same as shown above, pay the TOTAL FEE(S) DUE shown above.

If the ENTITY STATUS is changed from that shown above, on PART B - FEE(S) TRANSMITTAL, complete section number 5 titled "Change in Entity Status (from status indicated above)".

For purposes of this notice, small entity fees are 40% the amount of undiscounted fees, and micro entity fees are 20% the amount of undiscounted fees.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Maintenance fees are due in utility patents issuing on applications filed on or after Dec. 12, 1980. It is patentee's responsibility to ensure timely payment of maintenance fees when due. More information is available at www.uspto.gov/PatentMaintenanceFees.

PTOL-85 (Rev. 02/11)

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 76 of 439

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), by mail or fax, or via EFS-Web.

By mail, send to: Mail Stop ISSUE FEE
Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

By fax, send to: (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence will be mailed to the current correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications. **Because electronic patent issuance may occur shortly after issue fee payment, any desired continuing application should preferably be filed prior to payment of this issue fee in order not to jeopardize copendency.**

CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)

177453 7590 06/12/2023

Zoom Video Communications, Inc. at Young Basile
3001 West Big Beaver Rd., Ste. 624
Troy, MI 48084

Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.

Certificate of Mailing or Transmission

I hereby certify that this Fee(s) Transmittal is being deposited with the United States Postal Service with sufficient postage for first class mail in an envelope addressed to the Mail Stop ISSUE FEE address above, or being transmitted to the USPTO via EFS-Web or by facsimile to (571) 273-2885, on the date below.

(Typed or printed name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
17/472,031	09/10/2021	Nick Swerdlow	ZOOM-164-B	4940

TITLE OF INVENTION: Messaging Conference Participants Prior To Joining A Conference

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	UNDISCOUNTED	$1200	$0.00	$0.00	$1200	09/12/2023

EXAMINER	ART UNIT	CLASS-SUBCLASS
NAOREEN, NAZIA	2458	709-204000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).

❑ Change of correspondence address (or Change of Correspondence Address form PTO/AIA/122 or PTO/SB/122) attached.

❑ "Fee Address" indication (or "Fee Address" Indication form PTO/AIA/47 or PTO/SB/47; Rev 03-02 or more recent) attached. **Use of a Customer Number is required.**

2. For printing on the patent front page, list
(1) The names of up to 3 registered patent attorneys or agents OR, alternatively,
(2) The name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed.

1 _____
2 _____
3 _____

3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type)

PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document must have been previously recorded, or filed for recordation, as set forth in 37 CFR 3.11 and 37 CFR 3.81(a). Completion of this form is NOT a substitute for filing an assignment.

(A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY)

Please check the appropriate assignee category or categories (will not be printed on the patent) : ❑ Individual ❑ Corporation or other private group entity ❑ Government

4a. Fees submitted: ❑ Issue Fee ❑ Publication Fee (if required)

4b. Method of Payment: *(Please first reapply any previously paid fee shown above)*

❑ Electronic Payment via Patent Center or EFS-Web ❑ Enclosed check ❑ Non-electronic payment by credit card (Attach form PTO-2038)

❑ The Director is hereby authorized to charge the required fee(s), any deficiency, or credit any overpayment to Deposit Account No. _____

5. **Change in Entity Status** (from status indicated above)

❑ Applicant certifying micro entity status. See 37 CFR 1.29

NOTE: Absent a valid certification of Micro Entity Status (see forms PTO/SB/15A and 15B), issue fee payment in the micro entity amount will not be accepted at the risk of application abandonment.

❑ Applicant asserting small entity status. See 37 CFR 1.27

NOTE: If the application was previously under micro entity status, checking this box will be taken to be a notification of loss of entitlement to micro entity status.

❑ Applicant changing to regular undiscounted fee status.

NOTE: Checking this box will be taken to be a notification of loss of entitlement to small or micro entity status, as applicable.

NOTE: This form must be signed in accordance with 37 CFR 1.31 and 1.33. See 37 CFR 1.4 for signature requirements and certifications.

Authorized Signature _____ Date _____

Typed or printed name _____ Registration No. _____

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 77 of 439

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
17/472,031	09/10/2021	Nick Swerdlow	ZOOM-164-B	4940

177453 7590 06/12/2023

Zoom Video Communications, Inc. at Young Basile
3001 West Big Beaver Rd., Ste. 624
Troy, MI 48084

EXAMINER	
NAOREEN, NAZIA	
ART UNIT	PAPER NUMBER
2458	

DATE MAILED: 06/12/2023

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)
(Applications filed on or after May 29, 2000)

The Office has discontinued providing a Patent Term Adjustment (PTA) calculation with the Notice of Allowance.

Section 1(h)(2) of the AIA Technical Corrections Act amended 35 U.S.C. 154(b)(3)(B)(i) to eliminate the requirement that the Office provide a patent term adjustment determination with the notice of allowance. See Revisions to Patent Term Adjustment, 78 Fed. Reg. 19416, 19417 (Apr. 1, 2013). Therefore, the Office is no longer providing an initial patent term adjustment determination with the notice of allowance. The Office will continue to provide a patent term adjustment determination with the Issue Notification Letter that is mailed to applicant approximately three weeks prior to the issue date of the patent, and will include the patent term adjustment on the patent. Any request for reconsideration of the patent term adjustment determination (or reinstatement of patent term adjustment) should follow the process outlined in 37 CFR 1.705.

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 78 of 439

OMB Clearance and PRA Burden Statement for PTOL-85 Part B

The Paperwork Reduction Act (PRA) of 1995 requires Federal agencies to obtain Office of Management and Budget approval before requesting most types of information from the public. When OMB approves an agency request to collect information from the public, OMB (i) provides a valid OMB Control Number and expiration date for the agency to display on the instrument that will be used to collect the information and (ii) requires the agency to inform the public about the OMB Control Number's legal significance in accordance with 5 CFR 1320.5(b).

The information collected by PTOL-85 Part B is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450. Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 79 of 439

Notice of Allowability	Application No. 17/472,031	Applicant(s) Swerdlow, Nick	
	Examiner NAZIA NAOREEN	Art Unit 2458	AIA (FITF) Status Yes

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☑ This communication is responsive to 05/15/2023.
   ☐ A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on _____.

2. ☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on _____; the restriction requirement and election have been incorporated into this action.

3. ☑ The allowed claim(s) is/are 1-20 . As a result of the allowed claim(s), you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see **http://www.uspto.gov/patents/init_events/pph/index.jsp** or send an inquiry to **PPHfeedback@uspto.gov.**

4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

   Certified copies:

   a) ☐ All b) ☐ Some* c) ☐ None of the:

   1. ☐ Certified copies of the priority documents have been received.
   2. ☐ Certified copies of the priority documents have been received in Application No. _____ .
   3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

   * Certified copies not received: _____ .

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.
THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
   ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____ .

   Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).

6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☑ Notice of References Cited (PTO-892)
2. ☑ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date 05/11/2023.
3. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material _____.
4. ☐ Interview Summary (PTO-413), Paper No./Mail Date. _____.
5. ☐ Examiner's Amendment/Comment
6. ☑ Examiner's Statement of Reasons for Allowance
7. ☐ Other _____.

/NAZIA NAOREEN/
Examiner, Art Unit 2458

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 80 of 439

DETAILED ACTION

Status of Claims:

1. Claims 1 – 20 are allowed over prior art of record.

Notice of Pre-AIA or AIA Status

2. The present application, filed on or after March 16, 2013, is being examined under the first inventor to file provisions of the AIA.

Information Disclosure Statement

3. The information disclosure statement (IDS) was submitted on 05/11/2023. The submission is in compliance with the provisions of 37 CFR 1.97. Accordingly, the information disclosure statement is being considered by the examiner.

Allowable Subject Matter

4. Claims 1 – 20 are allowed.

Reasons for Allowance

5. The following is an examiner's statement of reasons for allowance:

Claims 1 – 20 are allowed for reasons argued in the Applicant's Arguments. See Remarks, filed 05/15/2023.

Reasons for Allowance is not required in this office communication as applicant's reply make evident the reasons for allowance, satisfying the "record as a whole' proviso of the rule 37 CFR 1.104(e).

Examiner performed updated search and additional search does not yield other specific references that reasonably, either singularly or in combination with cited references, would result a proper rejection that would have anticipated or made obvious all the steps disclosed in the amended claims with proper motivation at or before the time it was effectively filed.

Therefore, claims 1 – 20 are hereby allowed in view of applicant's persuasive arguments.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to NAZIA NAOREEN whose telephone number is (571)270-7282. The examiner can normally be reached M-F: 9:00 - 6:00.

Examiner interviews are available via telephone, in-person, and video conferencing using a USPTO supplied web-based collaboration tool. To schedule an interview, applicant is encouraged to use the USPTO Automated Interview Request (AIR) at http://www.uspto.gov/interviewpractice.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kevin Bates can be reached on 571-272-3980. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of published or unpublished applications may be obtained from Patent Center. Unpublished application information in Patent Center is available to registered users. To file and manage patent submissions in Patent Center, visit: https://patentcenter.uspto.gov. Visit https://www.uspto.gov/patents/apply/patent-center for more information about Patent Center and https://www.uspto.gov/patents/docx for information about filing in DOCX format. For additional questions, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/NAZIA NAOREEN/
Examiner, Art Unit 2458

Notice of References Cited	Application/Control No. 17/472,031	Applicant(s)/Patent Under Reexamination Swerdlow, Nick	
	Examiner NAZIA NAOREEN	Art Unit 2458	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	CPC Classification	US Classification
*	A	US-20190392395-A1	12-2019	Valliani; Jamil Amirali	G06Q10/109	1/1
*	B	US-20100198646-A1	08-2010	Mikan; Jeffrey Clinton	G01C21/3438	701/119
*	C	US-20100274855-A1	10-2010	Wassingbo; Tomas Karl-Axel	G06Q10/109	709/206
*	D	US-20120185534-A1	07-2012	ZIMMET; CAROL SUE	G06Q10/109	709/204
*	E	US-8437461-B1	05-2013	Gartner; Jeffrey G.	H04M3/565	379/202.01
*	F	US-9146115-B2	09-2015	Geffner; Steven Paul	G01C21/3697	1/1
	G					
	H					
	I					
	J					
	K					
	L					
	M					

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	CPC Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 83 of 439

Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
	17/472,031	Swerdlow, Nick
	Examiner	Art Unit
	NAZIA NAOREEN	2458

CPC - Searched*		
Symbol	**Date**	**Examiner**
H04L12/1818	03/26/2022	NN
H04L12/1822	03/26/2022	NN
H04L51/046	03/26/2022	NN
Updated Search	09/13/2022	NN
Updated Search	02/11/2023	NN
Updated Search	06/02/2023	NN

CPC Combination Sets - Searched*		
Symbol	**Date**	**Examiner**

US Classification - Searched*			
Class	**Subclass**	**Date**	**Examiner**

* See search history printout included with this form or the SEARCH NOTES box below to determine the scope of the search.

/NAZIA NAOREEN/ Examiner, Art Unit 2458	

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 84 of 439

Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
	17/472,031	Swerdlow, Nick
	Examiner	Art Unit
	NAZIA NAOREEN	2458

Search Notes		
Search Notes	**Date**	**Examiner**
Inventor and Assignee	03/26/2022	NN
PE2ESEARCH (US-PGPUB, USPAT, USOCR, FIT, FPRS, EPO, JPO, DERWENT, IBM TDB)	03/26/2022	NN
Classification and Double Patenting	03/26/2022	NN
IP.com search, Google Scholar search	03/26/2022	NN
Updated Search, IP.com search, Google Scholar search	09/13/2022	NN
Updated Search, IP.com search, Google Scholar search	02/11/2023	NN
Updated Search, IP.com search, Google Scholar search	06/02/2023	NN

Interference Search			
US Class/CPC Symbol	**US Subclass/CPC Group**	**Date**	**Examiner**
	Text Search US PG-PUB	06/02/2023	NN

/NAZIA NAOREEN/ Examiner, Art Unit 2458	

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 85 of 439

Index of Claims	Application/Control No.	Applicant(s)/Patent Under Reexamination
	17/472,031	Swerdlow, Nick
	Examiner	Art Unit
	NAZIA NAOREEN	2458

✓	Rejected	-	Cancelled	N	Non-Elected	A	Appeal
=	Allowed	÷	Restricted	I	Interference	O	Objected

CLAIMS

☑ Claims renumbered in the same order as presented by applicant ☐ CPA ☐ T.D. ☐ R.1.47

CLAIM		DATE								
Final	Original	03/26/2022	09/13/2022	02/11/2023	06/02/2023					
	1	✓	✓	✓	=					
	2	✓	✓	✓	=					
	3	✓	✓	✓	=					
	4	✓	✓	✓	=					
	5	✓	✓	✓	=					
	6	✓	✓	✓	=					
	7	✓	✓	✓	=					
	8	✓	✓	✓	=					
	9	✓	✓	✓	=					
	10	✓	✓	✓	=					
	11	✓	✓	✓	=					
	12	✓	✓	✓	=					
	13	✓	✓	✓	=					
	14	✓	✓	✓	=					
	15	✓	✓	✓	=					
	16	✓	✓	✓	=					
	17	✓	✓	✓	=					
	18	✓	✓	✓	=					
	19	✓	✓	✓	=					
	20	✓	✓	✓	=					

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 86 of 439

Issue Classification	Application/Control No.	Applicant(s)/Patent Under Reexamination
	17/472,031	Swerdlow, Nick
	Examiner	**Art Unit**
	NAZIA NAOREEN	2458

CPC						
Symbol					**Type**	**Version**
H04L	/	12	/	1818	F	2013-01-01
H04L	/	12	/	1822	I	2013-01-01
H04L	/	51	/	046	I	2013-01-01

CPC Combination Sets								
Symbol					**Type**	**Set**	**Ranking**	**Version**
	/		/					

NONE		Total Claims Allowed:	
(Assistant Examiner)	(Date)	20	
/NAZIA NAOREEN/ Examiner, Art Unit 2458	02 June 2023	O.G. Print Claim(s)	O.G. Print Figure
(Primary Examiner)	(Date)	1	8

U.S. Patent and Trademark Office

Part of Paper No.: 20230602

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 87 of 439

Issue Classification	Application/Control No.	Applicant(s)/Patent Under Reexamination
	17/472,031	Swerdlow, Nick
	Examiner	**Art Unit**
	NAZIA NAOREEN	2458

INTERNATIONAL CLASSIFICATION				
CLAIMED				
H04L	/	12	/	18
H04L	/	12	/	58

NON-CLAIMED				
	/		/	

US ORIGINAL CLASSIFICATION	
CLASS	**SUBCLASS**

CROSS REFERENCES(S)						
CLASS	**SUBCLASS (ONE SUBCLASS PER BLOCK)**					

NONE		Total Claims Allowed:	
(Assistant Examiner)	(Date)	20	
/NAZIA NAOREEN/ Examiner, Art Unit 2458	02 June 2023	O.G. Print Claim(s)	O.G. Print Figure
(Primary Examiner)	(Date)	1	8

U.S. Patent and Trademark Office — Part of Paper No.: 20230602

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 88 of 439

Issue Classification	Application/Control No.	Applicant(s)/Patent Under Reexamination
	17/472,031	Swerdlow, Nick
	Examiner	**Art Unit**
	NAZIA NAOREEN	2458

☑ Claims renumbered in the same order as presented by applicant ☐ CPA ☐ T.D. ☐ R.1.47

CLAIMS

Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original
	1		10		19										
	2		11		20										
	3		12												
	4		13												
	5		14												
	6		15												
	7		16												
	8		17												
	9		18												

NONE		**Total Claims Allowed:**	
(Assistant Examiner)	(Date)	20	
/NAZIA NAOREEN/ Examiner, Art Unit 2458	02 June 2023	O.G. Print Claim(s)	O.G. Print Figure
(Primary Examiner)	(Date)	1	8

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 89 of 439

Search History

Report Run Date: 2023-06-03 UTC
Searches: 5
Markers: 0

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 90 of 439

Search #	Timestamp	Results	Page
1	2023-06-03 00:28 UTC	12,201,517	3
2	2023-06-03 00:36 UTC	2,329,192	4
3	2023-06-03 00:41 UTC	2,590,389	4
4	2023-06-03 00:47 UTC	873,973	4
5	2023-06-03 00:54 UTC	15,980,877	4

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 91 of 439

Content: Patents + NPL (192)

US Patents | US Designs | US Applications | EPO Patents | EPO Applications | China Patents | China Applications | Japan Patents | Japan Applications | Korea Patents | Korea Applications | WIPO Applications | Argentina Patents | Argentina Applications | Brazil Patents | Brazil Applications | Canada Patents | Canada Applications | Chile Patents | Chile Applications | Colombia Applications | Costa Rica Applications | Cuba Patents | Cuba Applications | Dominican Republic Applications | Ecuador Patents | Ecuador Applications | El Salvador Applications | Guatemala Applications | Honduras Applications | Mexico Patents | Mexico Applications | Nicaragua Patents | Panama Applications | Peru Applications | Trinidad & Tobago Patents | Uruguay Applications | Austria Patents | Austria Applications | Belarus Patents | Belgium Patents | Belgium Applications | Bosnia & Herzegovina Patents | Bosnia & Herzegovina Applications | Bulgaria Patents | Bulgaria Applications | Croatia Patents | Croatia Applications | Czech Republic Patents | Czech Republic Applications | Czechoslovakia Patents | Czechoslovakia Applications | Denmark Patents | Denmark Applications | Estonia Patents | Estonia Applications | EUIPO Patents | Finland Patents | Finland Applications | France Patents | France Applications | Germany Patents | Germany Applications | Great Britain Patents | Great Britain Applications | Greece Patents | Greece Applications | Hungary Patents | Hungary Applications | Iceland Patents | Iceland Applications | Ireland Patents | Ireland Applications | Italy Patents | Italy Applications | Latvia Patents | Latvia Applications | Lithuania Patents | Lithuania Applications | Luxembourg Patents | Luxembourg Applications | Malta Patents | Monaco Patents | Montenegro Patents | Montenegro Applications | Netherlands Patents | Netherlands Applications | Norway Patents | Norway Applications | Poland Patents | Poland Applications | Portugal Patents | Portugal Applications | Republic of Moldova Patents | Republic of Moldova Applications | Romania Patents | Romania Applications | San Marino Patents | San Marino Applications | Serbia Patents | Serbia Applications | Slovakia Patents | Slovakia Applications | Slovenia Patents | Spain Patents | Spain Applications | Sweden Patents | Sweden Applications | Switzerland Patents | Switzerland Applications | Ukraine Patents | Yugoslavia/Serbia and Montenegro Patents | Yugoslavia/Serbia and Montenegro Applications | Armenia Patents | Australia Patents | Australia Applications | Cyprus Patents | Gulf Cooperation Council Patents | Hong Kong Patents | India Patents | India Applications | Indonesia Patents | Indonesia Applications | Israel Patents | Israel Applications | Jordan Patents | Jordan Applications | Kyrgyzstan Patents | Macao Applications | Malaysia Patents | Mongolia Patents | New Zealand Patents | Philippines Patents | Philippines Applications | Saudi Arabia Patents | Saudi Arabia Applications | Singapore Patents | Singapore Applications | Taiwan Patents | Taiwan Applications | Tajikistan Patents | Tajikistan Applications | Thailand Patents | Thailand Applications | Uzbekistan Patents | Vietnam Patents | Algeria Patents | ARIPO Patents | ARIPO Applications | Egypt Patents | Kenya Patents | Malawi Patents | Morocco Patents | Morocco Applications | OAPI Patents | South Africa Patents | Tunisia Applications | Zambia Patents | Zimbabwe Patents | EAPO Patents | EAPO Applications | Georgia Patents | Georgia Applications | Kazakhstan Patents | Kazakhstan Applications | Russia Patents | Russia Applications | Turkey Patents | Turkey Applications | IEEE Xplore Publications: IEEE Periodicals | IEEE Xplore Publications: IEEE Conferences | IEEE Xplore Publications: IEEE Standards | IEEE Xplore Publications: IEEE Early Access | IEEE Xplore Publications: SMPTE Periodicals | IEEE Xplore Publications: SMPTE Conferences | IEEE Xplore Publications: SMPTE Standards | IEEE Xplore Publications: MIT Press eBooks | IEEE Xplore Publications: Wiley-IEEE eBooks | IEEE Xplore Publications: IBM Periodicals | IEEE Xplore Publications: URSI Periodicals | IEEE Xplore Publications: VDE Conferences | IEEE Xplore Publications: Periodicals from China | IP.com Prior Art Database: The IP.com Journal | IP.com Prior Art Database: Internet Society RFC | IP.com Prior Art Database: IBM TDB Archive | IP.com Prior Art Database: Legacy Journals | IP.com Prior Art Database: Software Patent Institute | OnePetro.org: Periodicals at OnePetro.org | OnePetro.org: Conferences at OnePetro.org | Other Literature: IBM Redbooks | Other Literature: PubMed Central | Other Literature: arXiv.org

1 **2023-06-03 00:28 UTC | 12,201,517 results from**

De-Dup: None | **Relevance Cut-off:** None | **Sort:** Relevance

Main Concept: Text

persistent expandable panel that remains on top of a display of the client device and includes a single-click response

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 92 of 439

option to initiate an in-conference communication application

Concept Modifiers: None

Filters: None

2 **2023-06-03 00:36 UTC | 2,329,192 results from**

De-Dup: None | **Relevance Cut-off:** None | **Sort:** Relevance

Main Concept: Text
persistent expandable panel and application and top of display

Concept Modifiers: None

Filters: None

3 **2023-06-03 00:41 UTC | 2,590,389 results from**

De-Dup: None | **Relevance Cut-off:** None | **Sort:** Relevance

Main Concept: Text
single click and initiate communication application

Concept Modifiers: None

Filters: None

4 **2023-06-03 00:47 UTC | 873,973 results from**

De-Dup: None | **Relevance Cut-off:** None | **Sort:** Relevance

Main Concept: Text
conference and communication application and chat message

Concept Modifiers: None

Filters: None

5 **2023-06-03 00:54 UTC | 15,980,877 results from**

De-Dup: None | **Relevance Cut-off:** None | **Sort:** Relevance

Main Concept: Text
conference and chat message and topic update and communication application

Concept Modifiers: None

Filters: None

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 93 of 439

Bibliographic Data

Application No: 17/472,031

Foreign Priority claimed: ○ Yes ◉ No

35 USC 119 (a-d) conditions met: ☐ Yes ☑ No ☐ Met After Allowance

Verified and Acknowledged: /NAZIA NAOREEN/ Examiner's Signature | Initials

Title: Messaging Conference Participants Prior To Joining A Conference

---

FILING or 371(c) DATE	CLASS	GROUP ART UNIT	ATTORNEY DOCKET NO.
09/10/2021	709	2458	ZOOM-164-B
RULE			

APPLICANTS

Zoom Video Communications, Inc., San Jose, CA,

INVENTORS

Nick Swerdlow, Santa Clara, CA, UNITED STATES

CONTINUING DATA

FOREIGN APPLICATIONS

IF REQUIRED, FOREIGN LICENSE GRANTED**

09/21/2021

STATE OR COUNTRY

UNITED STATES

ADDRESS

Zoom Video Communications, Inc. at Young Basile
3001 West Big Beaver Rd., Ste. 624
Troy, MI 48084
UNITED STATES

FILING FEE RECEIVED

$1,820

Web Search History

date, time	web site	search string
6/2/2023 8:28:06 PM	Google Scholar	persistent expandable panel that remains on top of a display of the client device and includes a single-click response option to initiate an in-conference communication application
6/2/2023 8:36:41 PM	Google Scholar	persistent expandable panel and application and top of display
6/2/2023 8:41:03 PM	Google Scholar	single click and initiate communication application
6/2/2023 8:47:48 PM	Google Scholar	conference and communication application and chat message
6/2/2023 8:54:08 PM	Google Scholar	conference and chat message and topic update and communication application

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 95 of 439

PE2E SEARCH - Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	British Equivalents	Time Stamp
L152	14	conference AND (yet AND prior) near5 join$3 AND chat message	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/02 07:52 PM
L153	4	conference AND yet near5 join$3 SAME chat message	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/02 07:52 PM
L154	15	conference AND late SAME chat message	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/02 07:52 PM
L155	39	meeting AND late SAME chat message	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU,	ADJ	ON	ON	2023/06/02 07:52 PM

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 96 of 439

			CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L156	4	meeting AND yet near5 join$3 SAME chat message	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/02 07:52 PM
L157	0	late SAME chat (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/02 07:52 PM
L158	202	late SAME chat AND (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN,	ADJ	ON	ON	2023/06/02 07:52 PM

			WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L159	10	late SAME chat message AND (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/02 07:52 PM
L160	46	late SAME chat SAME message AND (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/02 07:52 PM
L161	15	late SAME chat SAME message SAME (updat$3 OR topic OR agenda) AND (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/02 07:52 PM
L162	78	late SAME chat SAME message SAME (updat$3 OR topic OR agenda)	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB,	ADJ	ON	ON	2023/06/02 07:52 PM

			HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L163	45	(conference OR meeting OR collaboration) AND late SAME chat SAME message SAME (updat$3 OR topic OR agenda)	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/02 07:52 PM
L164	11079	(conference OR meeting OR collaboration) AND late SAME (updat$3 OR topic OR agenda)	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/02 07:52 PM
L165	11	(conference OR meeting OR collaboration) AND late SAME updat$3 near5 (topic OR agenda)	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT;	ADJ	ON	ON	2023/06/02 07:52 PM

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 99 of 439

			IBM_TDB)				
L166	3	late SAME updat$3 near5 (topic OR agenda) AND (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/02 07:52 PM
L167	463	late SAME updat$3 AND (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/02 07:52 PM
L168	88	late SAME (topic OR agenda) AND (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/02 07:52 PM
L169	1212	late SAME (topic OR agenda) AND (conference OR meeting)	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV,	ADJ	ON	ON	2023/06/02 07:52 PM

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 100 of 439

			MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L170	72	late SAME (delay$3 OR mov$3 OR resschedul$3 OR chang$3) near5 (topic OR agenda) AND (conference OR meeting)	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/02 07:52 PM
L171	1	expandable panel SAME conference	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/02 07:53 PM
L172	12	expand$3 NEAR panel SAME conference	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/02 07:53 PM
L173	60	extend$3 NEAR panel	(US-PGPUB; USPAT;	ADJ	ON	ON	2023/06/02

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 101 of 439

		SAME conference	USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)				07:53 PM
L174	293	expandable AND (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/02 07:53 PM
L175	1	expandable near5 panel AND (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/02 07:53 PM
L176	5	expandable near5 menu AND (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL,	ADJ	ON	ON	2023/06/02 07:53 PM

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 102 of 439

			PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L177	21	expandable near5 menu near5 information AND conference	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/02 07:53 PM
L178	416	expandable near5 information AND conference	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/02 07:53 PM
L179	7	expandable near5 information SAME conference	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/02 07:53 PM
L180	20	expandable near5 information SAME meeting	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY,	ADJ	ON	ON	2023/06/02 07:53 PM

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 103 of 439

			CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L181	3191	expandable SAME meeting	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/02 07:53 PM
L182	0	exexpandable SAME meeting (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/02 07:53 PM
L183	0	expandable SAME meeting (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH,	ADJ	ON	ON	2023/06/02 07:53 PM

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 104 of 439

			TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L184	15	expandable SAME meeting AND (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/02 07:53 PM
L185	31	expandable near10 information AND (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/02 07:53 PM
L186	11923	persistent SAME panel	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/02 07:53 PM
L187	1	persistent near5 expandable near5 panel	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA,	ADJ	ON	ON	2023/06/02 07:53 PM

			EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L188	52	persistent SAME panel AND (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/02 07:53 PM
L189	3	persistent SAME panel SAME top NEAR display AND (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/02 07:53 PM
L190	9	persistent SAME panel SAME top NEAR display	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO;	ADJ	ON	ON	2023/06/02 07:53 PM

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 106 of 439

			JPO; DERWENT; IBM_TDB)				
L191	3	persistent SAME panel AND top NEAR display AND (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/02 07:53 PM
L192	5	remains NEAR top NEAR display AND (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/02 07:53 PM
L193	59	remains NEAR top NEAR display AND persistent	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/02 07:53 PM
L194	1563	duration near5 participant near5 (conference OR meeting)	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS,	ADJ	ON	ON	2023/06/02 07:54 PM

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 107 of 439

			IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L195	494	duration near5 participant near5 (conference OR meeting) AND (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/02 07:54 PM
L196	88	(duration OR time) near5 been near5 participant near5 (conference OR meeting) AND (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/02 07:54 PM
L197	662	(duration OR time) near5 attend$4 near5 participant near5 (conference OR meeting)	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/02 07:54 PM

L198	28	(duration OR time) near5 has near5 attend$4 near5 participant near5 (conference OR meeting)	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/02 07:54 PM
L199	156	(duration OR time) near5 has been near5 participant near5 (conference OR meeting)	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/02 07:54 PM
L200	0	(duration OR time) near5 has been near5 attending near5 participant near5 (conference OR meeting)	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/02 07:54 PM
L201	127	(duration OR time) near5 attending near5 participant near5 (conference OR meeting)	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL,	ADJ	ON	ON	2023/06/02 07:54 PM

			NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L202	214	(H04L12/1818 AND H04L12/1822 AND H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/02 07:55 PM
L203	2	vehicle AND eta AND (H04L12/1818 AND H04L12/1822 AND H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/02 07:55 PM
L204	2	eta AND (H04L12/1818 AND H04L12/1822 AND H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/02 07:55 PM
L205	11	late AND (H04L12/1818 AND H04L12/1822	(US-PGPUB; USPAT; USOCR; FIT (AP, AT,	ADJ	ON	ON	2023/06/02 07:55 PM

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 110 of 439

		AND H04L51/046).cpc.	AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L206	8	(prewritten OR predetermined) NEAR messages AND (H04L12/1818 AND H04L12/1822 AND H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/02 07:55 PM
L207	62	(vehicle OR automobile OR car) AND eta AND (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/02 07:55 PM
L208	0	(prewritten OR predetermined) NEAR messages (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE,	ADJ	ON	ON	2023/06/02 07:55 PM

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 111 of 439

			SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L209	732	(prewritten OR predetermined) NEAR messages AND (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/02 07:55 PM
L210	10	(prewritten OR predetermined) NEAR messages AND estimated time NEAR arrival AND (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/02 07:55 PM
L211	5	(prewritten OR predetermined) NEAR messages AND eta AND (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/02 07:55 PM
L212	80	(prewritten OR predetermined) NEAR messages AND eta AND conference	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU,	ADJ	ON	ON	2023/06/02 07:55 PM

			CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L213	5300	(prewritten OR predetermined) NEAR messages AND conference	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/02 07:55 PM
L214	33	(prewritten OR predetermined) NEAR messages AND conference AND yet near5 join$3	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/02 07:55 PM
L215	5	(prewritten OR predetermined) NEAR messages AND conference AND yet near5 join$3 AND eta	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN,	ADJ	ON	ON	2023/06/02 07:55 PM

			WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L216	20	((("SWERDLOW") near3 ("Nick"))).INV.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	ADJ	ON	ON	2023/06/02 07:56 PM
L217	94	((("ZOOM") near3 ("VIDEO") near3 ("COMMUNICATIONS") near3 ("INC"))).AS,AANM.	(USPAT)	ADJ	ON	ON	2023/06/02 07:56 PM
L218	27	L216 AND L217	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/06/02 07:56 PM

PE2E SEARCH - Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	British Equivalents	Time Stamp
N1	75	(H04L12/1818 AND H04L12/1822 AND H04L51/046).cpc.	(US-PGPUB; USPAT)	ADJ	ON	ON	2023/06/02 07:59 PM
N2	1	(conference communication application).clm. AND (H04L12/1818 AND H04L12/1822 AND H04L51/046).cpc.	(US-PGPUB; USPAT)	ADJ	ON	ON	2023/06/02 08:00 PM
N3	1	(conference AND communication application).clm. AND (H04L12/1818 AND H04L12/1822 AND H04L51/046).cpc.	(US-PGPUB; USPAT)	ADJ	ON	ON	2023/06/02 08:00 PM
N4	1	(conference AND communication AND application).clm. AND (H04L12/1818 AND H04L12/1822 AND H04L51/046).cpc.	(US-PGPUB; USPAT)	ADJ	ON	ON	2023/06/02 08:00 PM
N5	1	(conference AND communication AND	(US-PGPUB; USPAT)	ADJ	ON	ON	2023/06/02 08:00 PM

		graphical AND expandable).clm. AND (H04L12/1818 AND H04L12/1822 AND H04L51/046).cpc.					
N6	6	(conference AND communication AND graphical AND expandable).clm.	(US-PGPUB; USPAT)	ADJ	ON	ON	2023/06/02 08:01 PM
N7	1	(conference communication application).clm.	(US-PGPUB; USPAT)	ADJ	ON	ON	2023/06/02 08:01 PM
N8	2217	(conference AND communication AND application).clm.	(US-PGPUB; USPAT)	ADJ	ON	ON	2023/06/02 08:01 PM
N9	150	(conference AND communication application).clm.	(US-PGPUB; USPAT)	ADJ	ON	ON	2023/06/02 08:01 PM
N10	1	(conference AND communication application AND expandable panel).clm.	(US-PGPUB; USPAT)	ADJ	ON	ON	2023/06/02 08:02 PM
N11	1	(conference AND communication application AND single click).clm.	(US-PGPUB; USPAT)	ADJ	ON	ON	2023/06/02 08:02 PM
N12	1	(conference AND chat message AND update NEAR topic).clm. AND (H04L12/1818 AND H04L12/1822 AND H04L51/046).cpc.	(US-PGPUB; USPAT)	ADJ	ON	ON	2023/06/02 08:03 PM
N13	1	(conference AND chat message AND update SAME topic).clm. AND (H04L12/1818 AND H04L12/1822 AND H04L51/046).cpc.	(US-PGPUB; USPAT)	ADJ	ON	ON	2023/06/02 08:03 PM
N14	1	(conference communication application).clm. AND (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT)	ADJ	ON	ON	2023/06/02 08:03 PM
N15	2	(conference AND communication AND graphical AND expandable).clm. AND (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT)	ADJ	ON	ON	2023/06/02 08:04 PM
N16	1	(conference AND chat message AND update NEAR topic).clm. AND	(US-PGPUB; USPAT)	ADJ	ON	ON	2023/06/02 08:04 PM

		(H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.					
N17	1	(conference AND chat message AND update SAME topic).clm. AND (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT)	ADJ	ON	ON	2023/06/02 08:05 PM
N18	1	(conference AND chat message AND update SAME topic).clm.	(US-PGPUB; USPAT)	ADJ	ON	ON	2023/06/02 08:05 PM
N19	1	(conference AND chat message AND update AND topic).clm.	(US-PGPUB; USPAT)	ADJ	ON	ON	2023/06/02 08:05 PM
N20	14	(conference AND chat AND update AND topic).clm.	(US-PGPUB; USPAT)	ADJ	ON	ON	2023/06/02 08:05 PM
N21	10	(conference AND chat AND message AND update AND topic).clm.	(US-PGPUB; USPAT)	ADJ	ON	ON	2023/06/02 08:05 PM
N22	5	(conference AND chat AND application AND update AND topic).clm.	(US-PGPUB; USPAT)	ADJ	ON	ON	2023/06/02 08:05 PM
N23	2177	(H04L12/18 AND H04L12/58).ipc.	(US-PGPUB; USPAT)	ADJ	ON	ON	2023/06/02 08:06 PM
N24	0	(conference communication application).clm. AND (H04L12/18 AND H04L12/58).ipc.	(US-PGPUB; USPAT)	ADJ	ON	ON	2023/06/02 08:07 PM
N25	0	(conference AND communication AND graphical AND expandable).clm. AND (H04L12/18 AND H04L12/58).ipc.	(US-PGPUB; USPAT)	ADJ	ON	ON	2023/06/02 08:07 PM
N26	1	(conference AND communication AND graphical AND expandable).clm. AND (H04L12/18 OR H04L12/58).ipc.	(US-PGPUB; USPAT)	ADJ	ON	ON	2023/06/02 08:07 PM
N27	0	(conference AND communication application AND single click).clm. AND (H04L12/18 AND H04L12/58).ipc.	(US-PGPUB; USPAT)	ADJ	ON	ON	2023/06/02 08:07 PM
N28	1	(conference AND communication application AND single click).clm. AND (H04L12/18 OR	(US-PGPUB; USPAT)	ADJ	ON	ON	2023/06/02 08:07 PM

		H04L12/58).ipc.					
N29	0	(conference AND chat AND update AND topic).clm. AND (H04L12/18 AND H04L12/58).ipc.	(US-PGPUB; USPAT)	ADJ	ON	ON	2023/06/02 08:08 PM
N30	5	(conference AND chat AND update AND topic).clm. AND (H04L12/18 OR H04L12/58).ipc.	(US-PGPUB; USPAT)	ADJ	ON	ON	2023/06/02 08:08 PM
N31	0	(conference AND chat AND message AND update AND topic).clm. AND (H04L12/18 AND H04L12/58).ipc.	(US-PGPUB; USPAT)	ADJ	ON	ON	2023/06/02 08:08 PM
N32	3	(conference AND chat AND message AND update AND topic).clm. AND (H04L12/18 OR H04L12/58).ipc.	(US-PGPUB; USPAT)	ADJ	ON	ON	2023/06/02 08:08 PM
N33	0	(conference AND chat AND application AND update AND topic).clm. AND (H04L12/18 AND H04L12/58).ipc.	(US-PGPUB; USPAT)	ADJ	ON	ON	2023/06/02 08:08 PM
N34	1	(conference AND chat AND application AND update AND topic).clm. AND (H04L12/18 OR H04L12/58).ipc.	(US-PGPUB; USPAT)	ADJ	ON	ON	2023/06/02 08:08 PM
N35	325	((("ZOOM") near3 ("VIDEO") near3 ("COMMUNICATIONS") near3 ("INC"))).AS,AANM.	(US-PGPUB; USPAT)	ADJ	ON	ON	2023/06/02 08:09 PM
N36	20	((("SWERDLOW") near3 ("Nick"))).INV.	(US-PGPUB; USPAT)	ADJ	ON	ON	2023/06/02 08:09 PM
N37	20	N35 AND N36	(US-PGPUB; USPAT)	ADJ	ON	ON	2023/06/02 08:09 PM

Doc code: IDS
Doc description: Information Disclosure Statement (IDS) Filed

PTO/SB/08a (01-22)
Approved for use through 05/31/2024. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Not for submission under 37 CFR 1.99)

Application Number	17472031
Filing Date	2021-09-10
First Named Inventor	Nick Swerdlow
Art Unit	2458
Examiner Name	N. Naoreen
Attorney Docket Number	ZOOM-164-B

U.S.PATENTS Remove

Examiner Initial*	Cite No	Patent Number	Kind Code[1]	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	10592867	B2	2020-03-17	Jonathan Rosenberg	
	2	10320856	B2	2018-04-12	Jonathan Rosenberg	

If you wish to add additional U.S. Patent citation information please click the Add button. Add

U.S.PATENT APPLICATION PUBLICATIONS Remove

Examiner Initial*	Cite No	Publication Number	Kind Code[1]	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	20220078039	A1	2022-03-10	CHO, Hoyoung	

If you wish to add additional U.S. Published Application citation information please click the Add button. Add

FOREIGN PATENT DOCUMENTS Remove

Examiner Initial*	Cite No	Foreign Document Number[3]	Country Code[2] i	Kind Code[4]	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	T[5]
	1							

If you wish to add additional Foreign Patent Document citation information please click the Add button Add

NON-PATENT LITERATURE DOCUMENTS Remove

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH.

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 118 of 439

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17472031
	Filing Date	2021-09-10
	First Named Inventor	Nick Swerdlow
	Art Unit	2458
	Examiner Name	N. Naoreen
	Attorney Docket Number	ZOOM-164-B

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T[5]
	1		

If you wish to add additional non-patent literature document citation information please click the Add button Add

EXAMINER SIGNATURE

Examiner Signature	/NAZIA NAOREEN/	Date Considered	06/02/2023

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

[1] See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. [2] Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). [3] For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. [4] Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. [5] Applicant is to place a check mark here if English language translation is attached.

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 119 of 439

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Not for submission under 37 CFR 1.99)

Application Number	17472031
Filing Date	2021-09-10
First Named Inventor	Nick Swerdlow
Art Unit	2458
Examiner Name	N. Naoreen
Attorney Docket Number	ZOOM-164-B

CERTIFICATION STATEMENT

Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

OR

☐ That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

See attached certification statement.

☒ The fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

☒ A certification statement is not submitted herewith.

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/Neil C. Maskeri/	Date (YYYY-MM-DD)	2023-05-11
Name/Print	Neil C. Maskeri	Registration Number	61,591

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 hour to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 120 of 439

ALL REFERENCES CONSIDERED EXCEPT WHERE [illegible]

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these record s.

2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.

3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.

4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).

5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.

6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).

7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.

8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.

9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 121 of 439

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /A.W./

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Zoom Video Communications, Inc.
First Named Inventor:	Nick Swerdlow
Serial Number:	17/472,031
Filing Date:	September 10, 2021
Examiner/Art Unit:	Nazia Naoreen / 2458 Conf. No. 4940
Title:	Messaging Conference Participants Prior to Joining a Conference

AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Commissioner:

In response to the Office Action dated February 17, 2023, please enter the remarks and amendments, if any, in the above-identified patent application as indicated below.

If any extensions of time are needed for timely acceptance of this reply and associated papers, Applicant hereby petitions for such extension under 37 C.F.R. §1.136 and authorizes payment from Deposit Account No. 25-0115. If any other fees must be paid in connection with this reply, Applicant authorizes payment from Deposit Account No. 25-0115.

☐ Amendments to the Abstract.

☐ Amendments to the Specification.

☒ Amendments to the Claims.

☐ Amendments to the Drawings.

Listing of the Claims:

1. (Currently Amended) A method for conference messaging, comprising:

obtaining information associated with a conference that is in progress;

transmitting, to a client device, a graphical output to display on the client device, the graphical output based on the information and comprising a persistent expandable panel that remains on top of a display of the client device and includes a single-click response option to initiate an in-conference communication application;

prior to the client device joining the conference:

receiving a message from the client device to initiate a communication with a participant device that is present in the conference; ~~and~~

granting the client device access to the in-conference communication application associated with the conference in progress based on the message to communicate with the participant device;

receiving, via the in-conference communication application, a chat message from the client device for the participant device; and

updating a topic of the conference based on the chat message.

2. (Original) The method of claim 1, wherein the graphical output triggers a display of one or more predetermined messages.

3. (Previously Presented) The method of claim 1, wherein the graphical output triggers a display of one or more predetermined messages, and wherein at least one of the one or more predetermined messages includes an estimated time of arrival (ETA) of a user of the client device when the user is in a vehicle or the client device is the vehicle.

4. (Previously Presented) The method of claim 1, wherein the graphical output triggers a display of one or more predetermined messages, wherein at least one of the one or more predetermined messages includes an estimated time of arrival (ETA) of a user of the client device when the user is in a vehicle or the client device is the vehicle, and wherein the ETA is based on at least one of navigation data or traffic data.

5. (Currently Amended) The method of claim 1, ~~comprising:~~

~~receiving, via the in-conference communication application, a chat message from the client device for the participant device; and~~

~~updating a topic of the conference based on the chat message~~wherein the single-click response option is displayed when the persistent expandable panel is in an expanded state.

6. (Original) The method of claim 1, wherein a user of the client device is a non-host of the conference and the participant is a host of the conference.

7. (Original) The method of claim 1, wherein the conference information includes at least one of a description, an agenda, a time, a location, or a participant identifier.

8. (Original) The method of claim 1, wherein the in-conference communication application is a chat room configured for at least one of text messaging, audio messaging, or video messaging.

9. (Currently Amended) A system for conference messaging, comprising:

a client device; and

a server configured to:

obtain information associated with a conference that is in progress; and

transmit a graphical output associated with the conference that is in progress, wherein the graphical output is based on the information and comprises a persistent expandable panel that remains on top of a display of the client device an includes a single-click response option to initiate an in-conference communication application;

the client device configured to display the graphical output on a display of the client device;

prior to the client device joining the conference, the server configured to:

receive a message from the client device to initiate a communication with a participant device that is present in the conference; ~~and~~

grant the client device access to the in-conference communication application associated with the conference based on the message to communicate with the participant device; and

prior to the client device joining the conference, the client device configured to:

communicate with the participant device via the in-conference communication application,

wherein the server is further configured to:

receive, via the in-conference communication application, a chat message from the client device for the participant device; and

update a topic of the conference based on the chat message.

10. (Original) The system of claim 9, wherein the graphical output triggers a display of one or more predetermined messages.

11. (Previously Presented) The system of claim 9, wherein the graphical output triggers a display of one or more predetermined messages, and wherein at least one of the one or more predetermined messages includes an estimated time of arrival (ETA) of a user of the client device when the user is in a vehicle or the client device is the vehicle.

12. (Previously Presented) The system of claim 9, wherein the graphical output triggers a display of one or more predetermined messages, wherein at least one of the one or more predetermined messages includes an estimated time of arrival (ETA) of a user of the client device when the user is in a vehicle or the client device is the vehicle, and wherein the ETA is based on at least one of navigation data or traffic data.

13. (Currently Amended) The system of claim 9, ~~the server configured to:~~

~~receive, via the in-conference communication application, a chat message from the client device for the participant device; and~~

~~update a topic of the conference based on the chat message~~wherein the single-click response option is displayed when the persistent expandable panel is in an expanded state.

14. (Original) The system of claim 9, wherein the in-conference communication application is a chat room configured for at least one of text messaging, audio messaging, or video messaging.

15. (Currently Amended) A non-transitory computer-readable storage device including program instructions that, when executed by a processor, cause the processor to perform operations, the operations comprising:

obtaining information associated with a conference that is in progress;

transmitting a graphical output to display on a client device, the graphical output based on the information and comprising a persistent expandable panel that remains on top of a display of the client device and includes a single-click response option to initiate an in-conference communication application;

prior to the client device joining the conference:

receiving a message from the client device to initiate a communication with a participant device that is present in the conference; ~~and~~

granting the client device access to the in-conference communication application associated with the conference based on the message to communicate with the participant device;

receiving, via the in-conference communication application, a chat message from the client device for the participant device; and

updating a topic of the conference based on the chat message.

16. (Currently Amended) The non-transitory computer-readable storage device of claim 15, wherein ~~the program instructions, when executed by the processor, cause the processor to perform operations, the operations comprising:~~

~~receiving, via the in-conference communication application, a chat message from the client device for the participant device; and~~

~~updating a topic of the conference based on the chat message~~the single-click response option is displayed when the persistent expandable panel is in an expanded state.

17. (Original) The non-transitory computer-readable storage device of claim 15, wherein the conference information includes at least one of a description, an agenda, a time, a location, or a participant identifier.

18. (Original) The non-transitory computer-readable storage device of claim 15, wherein the in-conference communication application is a chat room configured for at least one of text messaging, audio messaging, or video messaging.

19. (Original) The non-transitory computer-readable storage device of claim 15, wherein the graphical output triggers a display of one or more predetermined messages.

20. (Original) The non-transitory computer-readable storage device of claim 15, wherein the message is a response to the graphical output.

REMARKS

In response to the Office Action dated February 17, 2023, Applicant amends claims 1, 5, 9, 13, and 15-16. No new matter is added. After entry of this Amendment, claims 1-20 are pending in the Application. Reconsideration of the Application as amended is respectfully requested in view of these remarks.

Summary of Examiner Interview

Applicant thanks the Examiner for the telephone interview conducted on May 3, 2023. The attendees were Examiner Nazia Naoreen and the Applicant's representative, Neil C. Maskeri (Registration No. 61, 591). During the interview, the Examiner indicated that the claims would be allowable if the elements of claim 5 were incorporated into the independent claims.

Rejections under 35 U.S.C. §103

Claims 1-4, 6-7, 9-12, 15, 17, and 19-20 are rejected under 35 U.S.C. § 103 as being unpatentable over U.S. Patent Application Publication No. 2015/0088572 to Mai et al. ("Mai") in view of U.S. Patent No. 9,065,874 to Moyers et al. ("Moyers").

Claims 1, 9, and 15 are amended to incorporate the subject matter of claim 5, which the Examiner indicated as allowable during the telephonic interview. Accordingly, the Applicant submits that claims 1, 9, and 15 are allowable over the cited references for at least these reasons.

Claims 5, 13, and 16 are rejected under 35 U.S.C. § 103 as being unpatentable over Mai in view of Moyers in view of U.S. Patent No. 11,144,887 to Wender ("Wender") and in further view of U.S. Patent Application Publication No. 2010/0153160 to Bezemer et al. ("Bezemer").

Regarding claims 5, 13, and 16, Wender and Bezemer fail to overcome the deficiencies of Mai and Moyers. Accordingly, the Applicant submits that claims 5, 13, and 16 are allowable over the cited references for at least the same reasons provided above.

Claims 8, 14, and 18 are rejected under 35 U.S.C. § 103 as being unpatentable over Mai in view of Moyers and in further view of U.S. Patent Application Publication No. 11,144,887 to Wender et al. ("Wender").

Regarding claims 8, 14, and 18, Wender fails to overcome the deficiencies of Mai and Moyers. Accordingly, the Applicant submits that claims 8, 14, and 18 are allowable over the cited references for at least the same reasons provided above.

Claims 2-8 are dependent upon claim 1. Claims 10-14 are dependent upon claim 9. Claims 16-20 are dependent upon claim 15. Applicant accordingly requests that the rejection of claims 1-20 under 35 U.S.C. § 103 be reconsidered and withdrawn.

Conclusion

It is submitted that this Amendment has antecedent basis in the application as originally filed, including the specification, claims and drawings, and that this Amendment does not add any new subject matter to the application. It is submitted that this Amendment places the application in suitable condition for allowance, notice of which is requested.

The Examiner is invited to contact the undersigned at the telephone number listed below if the Examiner believes an Examiner's amendment would expedite prosecution of the Application.

Respectfully submitted,

YOUNG BASILE
HANLON & MACFARLANE, P.C.

/Neil C. Maskeri/

Neil C. Maskeri
Registration No. 61,591
T: (248) 649-3333
F: (248) 649-3338

3001 West Big Beaver Road, Ste. 624
Troy, Michigan 48084-3107

Electronic Acknowledgement Receipt

EFS ID:	48000782
Application Number:	17472031
International Application Number:	
Confirmation Number:	4940
Title of Invention:	Messaging Conference Participants Prior To Joining A Conference
First Named Inventor/Applicant Name:	Nick Swerdlow
Customer Number:	177453
Filer:	Neil C. Maskeri/Jessica Tumblin
Filer Authorized By:	Neil C. Maskeri
Attorney Docket Number:	ZOOM-164-B
Receipt Date:	15-MAY-2023
Filing Date:	10-SEP-2021
Time Stamp:	16:29:24
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		ZOOM164B_Amd_20230217.pdf	59044 17d7dafb2d1556636e3d4b8c79e5d29f6a898c5c	yes	8

	Multipart Description/PDF files in .zip description		
	Document Description	**Start**	**End**
	Amendment/Request for Reconsideration-After Non-Final Rejection	1	1
	Claims	2	6
	Applicant Arguments/Remarks Made in an Amendment	7	8
Warnings:			
Information:			
	Total Files Size (in bytes):	59044	

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

PTO/SB/08a (01-22)
Approved for use through 05/31/2024. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Not for submission under 37 CFR 1.99)

Application Number	17472031
Filing Date	2021-09-10
First Named Inventor	Nick Swerdlow
Art Unit	2458
Examiner Name	N. Naoreen
Attorney Docket Number	ZOOM-164-B

U.S.PATENTS Remove

Examiner Initial*	Cite No	Patent Number	Kind Code[1]	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	10592867	B2	2020-03-17	Jonathan Rosenberg	
	2	10320856	B2	2018-04-12	Jonathan Rosenberg	

If you wish to add additional U.S. Patent citation information please click the Add button. Add

U.S.PATENT APPLICATION PUBLICATIONS Remove

Examiner Initial*	Cite No	Publication Number	Kind Code[1]	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	20220078039	A1	2022-03-10	CHO, Hoyoung	

If you wish to add additional U.S. Published Application citation information please click the Add button. Add

FOREIGN PATENT DOCUMENTS Remove

Examiner Initial*	Cite No	Foreign Document Number[3]	Country Code[2] i	Kind Code[4]	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	T[5]
	1							

If you wish to add additional Foreign Patent Document citation information please click the Add button Add

NON-PATENT LITERATURE DOCUMENTS Remove

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17472031
	Filing Date	2021-09-10
	First Named Inventor	Nick Swerdlow
	Art Unit	2458
	Examiner Name	N. Naoreen
	Attorney Docket Number	ZOOM-164-B

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T[5]
	1		

If you wish to add additional non-patent literature document citation information please click the Add button Add

EXAMINER SIGNATURE

Examiner Signature		Date Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

[1] See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. [2] Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). [3] For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. [4] Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. [5] Applicant is to place a check mark here if English language translation is attached.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17472031
	Filing Date	2021-09-10
	First Named Inventor	Nick Swerdlow
	Art Unit	2458
	Examiner Name	N. Naoreen
	Attorney Docket Number	ZOOM-164-B

CERTIFICATION STATEMENT

Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

OR

☐ That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

See attached certification statement.

☒ The fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

☒ A certification statement is not submitted herewith.

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/Neil C. Maskeri/	Date (YYYY-MM-DD)	2023-05-11
Name/Print	Neil C. Maskeri	Registration Number	61,591

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 hour to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these record s.

2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.

3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.

4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).

5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.

6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).

7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.

8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.

9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Electronic Patent Application Fee Transmittal

Application Number:	17472031
Filing Date:	10-Sep-2021
Title of Invention:	Messaging Conference Participants Prior To Joining A Conference
First Named Inventor/Applicant Name:	Nick Swerdlow
Filer:	Neil C. Maskeri/Jessica Tumblin
Attorney Docket Number:	ZOOM-164-B

Filed as Large Entity

Filing Fees for Utility under 35 USC 111(a)

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Miscellaneous:				
SUBMISSION- INFORMATION DISCLOSURE STMT	1806	1	260	260
		Total in USD ($)		**260**

Electronic Acknowledgement Receipt

EFS ID:	47985831
Application Number:	17472031
International Application Number:	
Confirmation Number:	4940
Title of Invention:	Messaging Conference Participants Prior To Joining A Conference
First Named Inventor/Applicant Name:	Nick Swerdlow
Customer Number:	177453
Filer:	Neil C. Maskeri/Jessica Tumblin
Filer Authorized By:	Neil C. Maskeri
Attorney Docket Number:	ZOOM-164-B
Receipt Date:	11-MAY-2023
Filing Date:	10-SEP-2021
Time Stamp:	11:39:18
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	DA
Payment was successfully received in RAM	$260
RAM confirmation Number	E20235AB40055720
Deposit Account	250115
Authorized User	Jessica Tumblin

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

37 CFR 1.16 (National application filing, search, and examination fees)

37 CFR 1.17 (Patent application and reexamination processing fees)

37 CFR 1.19 (Document supply fees)

37 CFR 1.20 (Post Issuance fees)

37 CFR 1.21 (Miscellaneous fees and charges)

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Information Disclosure Statement (IDS) Form (SB08)	ZOOM164B_Information_Disclosure_Statement_Fillable_PDF_20230510.pdf	1263184 e32075c6bf746757acaf41cec1393798cd65b028	no	4
Warnings:					
Information:					
2	Fee Worksheet (SB06)	fee-info.pdf	38192 74401febe9ffc8ffffb05f98de750823b54f46b4	no	2
Warnings:					
Information:					
		Total Files Size (in bytes):	1301376		

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
17/472,031	09/10/2021	Nick Swerdlow	ZOOM-164-B	4940

177453 7590 05/08/2023

Zoom Video Communications, Inc. at Young Basile
3001 West Big Beaver Rd., Ste. 624
Troy, MI 48084

EXAMINER	
NAOREEN, NAZIA	

ART UNIT	PAPER NUMBER
2458	

NOTIFICATION DATE	DELIVERY MODE
05/08/2023	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

docketing@youngbasile.com

Applicant-Initiated Interview Summary	**Application No.** 17/472,031	**Applicant(s)** Swerdlow, Nick		
	Examiner NAZIA NAOREEN	**Art Unit** 2458	**AIA (First Inventor to File) Status** Yes	**Page** 1 of 1

All Participants (applicant, applicants representative, PTO personnel)	**Title**	**Type**
NAZIA NAOREEN	Examiner	Telephonic
NEIL C. MASKERI	Attorney	

Date of Interview: 03 May 2023

Issues Discussed:

Proposed Amendment(s)

Applicant presented amendments to try to overcome the prior art rejection. Examiner agreed that further search may be required based on the discussion regarding the distinctions between the claim language and the prior art.

/NAZIA NAOREEN/ Examiner, Art Unit 2458	

Applicant is reminded that a complete written statement as to the substance of the interview must be made of record in the application file. It is the applicants responsibility to provide the written statement, unless the interview was initiated by the Examiner and the Examiner has indicated that a written summary will be provided. See MPEP 713.04
Please further see:
MPEP 713.04
Title 37 Code of Federal Regulations (CFR) § 1.133 Interviews, paragraph (b)
37 CFR § 1.2 Business to be transacted in writing

Applicant recordation instructions: The formal written reply to the last Office action must include the substance of the interview. (See MPEP section 713.04). If a reply to the last Office action has already been filed, applicant is given a non-extendable period of the longer of one month or thirty days from this interview date, or the mailing date of this interview summary form, whichever is later, to file a statement of the substance of the interview.

Examiner recordation instructions: Examiners must summarize the substance of any interview of record. A complete and proper recordation of the substance of an interview should include the items listed in MPEP 713.04 for complete and proper recordation including the identification of the general thrust of each argument or issue discussed, a general indication of any other pertinent matters discussed regarding patentability and the general results or outcome of the interview, to include an indication as to whether or not agreement was reached on the issues raised.

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 141 of 439

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
17/472,031	09/10/2021	Nick Swerdlow	ZOOM-164-B

CONFIRMATION NO. 4940

177453
Zoom Video Communications, Inc. at Young Basile
3001 West Big Beaver Rd., Ste. 624
Troy, MI 48084

PUBLICATION NOTICE

OC000000137668030

Title: Messaging Conference Participants Prior To Joining A Conference

Publication No.US-2023-0096134-A1
Publication Date:03/30/2023

NOTICE OF PUBLICATION OF APPLICATION

The above-identified application will be electronically published as a patent application publication pursuant to 37 CFR 1.211, et seq. The patent application publication number and publication date are set forth above.

The publication may be accessed through the USPTO's publically available Searchable Databases via the Internet at www.uspto.gov. The direct link to access the publication is currently http://www.uspto.gov/patft/.

The publication process established by the Office does not provide for mailing a copy of the publication to applicant. A copy of the publication may be obtained from the Office upon payment of the appropriate fee set forth in 37 CFR 1.19(a)(1). Orders for copies of patent application publications are handled by the USPTO's Public Records Division. The Public Records Division can be reached by telephone at (571) 272-3150 or (800) 972-6382, by facsimile at (571) 273-3250, by mail addressed to the United States Patent and Trademark Office, Public Records Division, Alexandria, VA 22313-1450 or via the Internet.

In addition, information on the status of the application, including the mailing date of Office actions and the dates of receipt of correspondence filed in the Office, may also be accessed via the Internet through the Patent Electronic Business Center at www.uspto.gov using the public side of the Patent Application Information and Retrieval (PAIR) system. The direct link to access this status information is currently https://portal.uspto.gov/pair/PublicPair. Prior to publication, such status information is confidential and may only be obtained by applicant using the private side of PAIR.

Further assistance in electronically accessing the publication, or about PAIR, is available by calling the Patent Electronic Business Center at 1-866-217-9197.

Office of Data Managment, Application Assistance Unit (571) 272-4000, or (571) 272-4200, or 1-888-786-0101

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 142 of 439

UNITED STATES PATENT AND TRADEMARK OFFICE
COMMISSIONER FOR PATENTS
P.O.BOX 1450
ALEXANDRIA VA 22313-1451

PRESORTED
FIRST-CLASS MAIL
U.S. POSTAGE PAID
POSTEDIGITAL
NNNNN

Zoom Video Communications, Inc. at Young Basile
3001 West Big Beaver Rd., Ste. 624
Troy, MI 48084

Courtesy Reminder for
Application Serial No: 17/472,031

Attorney Docket No: ZOOM-164-B
Customer Number: 177453
Date of Electronic Notification: 02/23/2023

This is a courtesy reminder that new correspondence is available for this application. If you have not done so already, please review the correspondence. The official date of notification of the outgoing correspondence will be indicated on the form PTOL-90 accompanying the correspondence.

An email notification regarding the correspondence was sent to the following email address(es) associated with your customer number:
docketing@youngbasile.com

To view your correspondence online or update your email addresses, please visit us anytime at **https://ppair-my.uspto.gov/pair/PrivatePair.**
If you have any questions, please email the Electronic Business Center (EBC) at EBC@uspto.gov or call 1-866-217-9197.

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
17/472,031	09/10/2021	Nick Swerdlow	ZOOM-164-B	4940

177453 7590 02/17/2023

Zoom Video Communications, Inc. at Young Basile
3001 West Big Beaver Rd., Ste. 624
Troy, MI 48084

EXAMINER	
NAOREEN, NAZIA	

ART UNIT	PAPER NUMBER
2458	

NOTIFICATION DATE	DELIVERY MODE
02/17/2023	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

docketing@youngbasile.com

Office Action Summary	Application No. 17/472,031	Applicant(s) Swerdlow, Nick	
	Examiner NAZIA NAOREEN	Art Unit 2458	AIA (FITF) Status Yes

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTHS FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☑ Responsive to communication(s) filed on 12/16/2022.

☐ A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on _____.

2a)☐ This action is **FINAL.** 2b) ☑ This action is non-final.

3)☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on _____; the restriction requirement and election have been incorporated into this action.

4)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims*

5) ☑ Claim(s) 1-20 is/are pending in the application.

5a) Of the above claim(s) _____ is/are withdrawn from consideration.

6) ☐ Claim(s) _____ is/are allowed.

7) ☑ Claim(s) 1-20 is/are rejected.

8) ☐ Claim(s) _____ is/are objected to.

9) ☐ Claim(s) _____ are subject to restriction and/or election requirement

* If any claims have been determined allowable, you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see http://www.uspto.gov/patents/init_events/pph/index.jsp or send an inquiry to **PPHfeedback@uspto.gov.**

Application Papers

10)☐ The specification is objected to by the Examiner.

11)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

Certified copies:

a)☐ All b)☐ Some** c)☐ None of the:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

** See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☑ Notice of References Cited (PTO-892)

2) ☑ Information Disclosure Statement(s) (PTO/SB/08a and/or PTO/SB/08b) Paper No(s)/Mail Date 12/13/2022 and 12/14/2022.

3) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date _____.

4) ☐ Other: _____.

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 145 of 439

DETAILED ACTION

Status of Claims:

1. Claims 1 – 20 are pending.

2. Claims 1, 3 – 4, 9, 11 – 12 and 15 are amended.

Notice of Pre-AIA or AIA Status

3. The present application, filed on or after March 16, 2013, is being examined under the first inventor to file provisions of the AIA.

Information Disclosure Statement

4. The information disclosure statement (IDS) was submitted on 12/13/2022 and 12/14/2022. The submission is in compliance with the provisions of 37 CFR 1.97. Accordingly, the information disclosure statement is being considered by the examiner.

Response to Arguments

5. Applicant's arguments in the amendments, filed 12/16/2022, have been fully considered and they are persuasive. A new ground of rejection is presented based on the amendments.

Claim Rejections - 35 USC § 103

6. The following is a quotation of 35 U.S.C. 103 which forms the basis for all obviousness rejections set forth in this Office action:

> A patent for a claimed invention may not be obtained, notwithstanding that the claimed invention is not identically disclosed as set forth in section 102, if the differences between the claimed invention and the prior art are such that the claimed invention as a whole would have been obvious before the effective filing date of the claimed invention to a pers on having ordinary skill in the art to which the claimed invention pertains. Patentability shall not be negated by the manner in which the invention was made.

7. The factual inquiries for establishing a background for determining obviousness under 35 U.S.C. 103 are summarized as follows:

1. Determining the scope and contents of the prior art.

2. Ascertaining the differences between the prior art and the claims at issue.

3. Resolving the level of ordinary skill in the pertinent art.

4. Considering objective evidence present in the application indicating obviousness or nonobviousness.

8. Claim(s) 1 – 4, 6 – 7, 9 – 12, 15, 17, and 19 – 20 are rejected under 35 U.S.C. 103 as being unpatentable over Mai (US 20150088572) and in view of Moyers (US 9065874).

As per claim 1, Mai discloses a method for conference messaging, comprising:

obtaining information associated with a conference that is in progress **(The apparatus receives status information from a number of invitees (i.e., endpoints) associated with a meeting session** *(conference in progress)* **in a network environment. The status information may indicate whether the number of invitees has checked into the meeting session, See ¶37)**;

transmitting, to a client device, a graphical output to display on the client device, the graphical output based on the information **(One or more embodiments provide a mobile client application** *(graphical output)* **that allows an invitee to check into a meeting to which they have been invited, See ¶16)** and

prior to the client device joining the conference **(Once the invitee has checked into the meeting, the invitee can then be displayed in the meeting's participant list with an indicator (icon, graphic, object, avatar, etc.) that they have not joined yet, but that they have checked in, See ¶16)**:

receiving a message from the client device to initiate a communication with a participant device that is present in the conference **(The invitee can also enter any free form text … The administrator or meeting organizer can also configure a list of predetermined (e.g., canned, preconfigured, etc.) messages, See ¶17)**; and

granting the client device access to an in-conference communication application associated with the conference in progress based on the message to communicate with the participant device **(A mobile client** *(in-conference communication application)* **may allow a meeting check in protocol** *(granting access)* **for invitees, along with setting an appropriate text status, See ¶18 … the apparatus may cause a meeting client program to provide a representation of the arrival information for the checked in invitee. In a specific**

embodiment, the meeting client may provide the representation to all of the invitees or only the host of the meeting session *(conference in progress)*, **¶38)**.

Mai however does not expressly disclose:

wherein the information includes a duration that a participant has been in the conference.

Moyers discloses:

comprising a persistent expandable panel that remains on top of a display of the client device and includes a single-click response option to initiate an in-conference communication application **(Activating the chat panel button or the chat button opens the chat panel** *(expandable)*. **When the chat panel button is activated, the Chanel panel opens to show a chat interface for a persistent virtual chat area** *(remains on top)* **for interactions occurring in connection with a respective virtual area … When the chat button** *(single-click response)* **is activated, on the other hand, the chat panel opens to show a chat interface for a persistent personal virtual area for interactions between Art and a selected one of the communicants, See Col. 11, Lines 63 - 10)**;

It would have been obvious to an artisan of ordinary skill in the art before the Applicant's effective filing date of the claimed invention to combine Moyers' teaching of persistent expandable panel that includes a single-click response option to initiate an in-conference communication application, along with transmitting a graphical output to display on the client device to improve Mai's system. Both Mai and Moyers disclose communication systems. Moyers' system includes a chat button that allows a panel to open up and show a persistent virtual chat area based on a selected communicant. The combination is an improvement upon the existing system because a graphical output to display on a client device can be transmitted as taught by Mai, where the graphical output can consist of a persistent expandable panel that includes a single-click response option to initiate an in-conference communication application as taught by Moyers, to allow a user to communicate the user's status with the conference participants.

As per claim 2, the method of claim 1, wherein the graphical output triggers a display of one or more predetermined messages (Mai, **One or more embodiments provide a mobile client application** *(graphical output)* **that allows an invitee to check into a meeting to which they have been invited … The administrator or meeting organizer can also configure a list of predetermined (e.g., canned, preconfigured, etc.) messages. In one or more embodiments, the invitee checking in can then easily select any of those predetermined messages from a menu list, See ¶16 – 17** */ The checking in of the invitee on the mobile client application triggers the display of the predetermined messages*).

As per claim 3, the method of claim 1, wherein the graphical output triggers a display of one or more predetermined messages, and wherein at least one of the one or more predetermined messages includes an estimated time of arrival (ETA) of a user of the client device when the user is in a vehicle or the client device is the vehicle (Mai, **The invitee checking in can then easily select any of those predetermined messages from a menu list. For mobile clients, the invitee can also choose an estimated time of arrival option, See ¶17**).

As per claim 4, the method of claim 1, wherein the graphical output triggers a display of one or more predetermined messages, wherein at least one of the one or more predetermined messages includes an estimated time of arrival (ETA) of a user of the client device when the user is in a vehicle or the client device is the vehicle (Mai, **The invitee checking in can then easily select any of those predetermined messages from a menu list. For mobile clients, the invitee can also choose an estimated time of arrival option, See ¶17**), and wherein the ETA is based on at least one of navigation data or traffic data (Mai, **For mobile clients, the invitee can also choose an estimated time of arrival option. When choosing the ETA option, the mobile endpoint calculates the ETA based on the invitee's current location, destination location, and rate of speed (e.g., which can be based on GPS technology, an accelerometer, etc.), See ¶17**).

As per claim 6, the method of claim 1, wherein a user of the client device is a non-host of the conference and the participant is a host of the conference (Mai, **The term `arrival information` includes any**

information associated with an arrival time, an estimating arrival time, a projected arrival time, a scheduled arrival time, or an indicated arrival time (e.g., provided by the host, an invitee, etc.) for a meeting invitee, a meeting participant *(non-host)***, etc., See ¶37)**.

As per claim 7, the method of claim 1, wherein the conference information includes at least one of a description, an agenda, a time, a location, or a participant identifier (Mai, **The apparatus receives status information from a number of invitees (i.e., endpoints) associated with a meeting session in a network environment. The status information may indicate whether the number of invitees has checked into the meeting session. Note that as used herein, the term `status information` includes any information associated with a meeting invitee, a meeting participant, etc., See ¶37)**.

As per claim 9, Mai discloses a system for conference messaging, comprising:

a server configured to:

obtain information associated with a conference that is in progress **(The apparatus receives status information from a number of invitees (i.e., endpoints) associated with a meeting session** *(conference in progress)* **in a network environment. The status information may indicate whether the number of invitees has checked into the meeting session, See ¶37)**; and

transmit a graphical output associated with the conference that is in progress, wherein the graphical output is based on the information **(One or more embodiments provide a mobile client application** *(graphical output)* **that allows an invitee to check into a meeting to which they have been invited, See ¶16)** and

a client device configured to display the graphical output on a display of the client device **(One or more embodiments provide a mobile client application** *(graphical output)* **that allows an invitee to check into a meeting to which they have been invited, See ¶16)**;

prior to the client device joining the conference **(Once the invitee has checked into the meeting, the invitee can then be displayed in the meeting's participant list with an indicator (icon, graphic, object, avatar, etc.) that they have not joined yet, but that they have checked in, See ¶16)**, the server configured to:

receive a message from the client device to initiate a communication with a participant device that is present in the conference **(The invitee can also enter any free form text … The administrator or meeting organizer can also configure a list of predetermined (e.g., canned, preconfigured, etc.) messages, See ¶17)**; and

grant the client device access to an in-conference communication application associated with the conference based on the message to communicate with the participant device **(A mobile client** *(in-conference communication application)* **may allow a meeting check in protocol** *(granting access)* **for invitees, along with setting an appropriate text status, See ¶18)**; and prior to the client device joining the conference, the client device configured to:

communicate with the participant device via the in-conference communication application **(The apparatus may cause a meeting client program to provide a representation of the arrival information for the checked in invitee. In a specific embodiment, the meeting client may provide the representation to all of the invitees or only the host** *(participant device)* **of the meeting session, ¶38)**.

Mai however does not expressly disclose:

wherein the information includes a duration that a participant has been in the conference.

Moyers discloses:

comprises a persistent expandable panel that remains on top of a display of the client device an includes a single-click response option to initiate an in-conference communication application **(Activating the chat panel button or the chat button opens the chat panel** *(expandable)***. When the chat panel button is activated, the Chanel panel opens to show a chat interface for a persistent virtual chat area** *(remains on top)* **for interactions occurring in connection with a respective virtual area … When the chat button** *(single-click response)* **is activated, on the other hand, the chat panel opens to show a chat interface for a persistent personal virtual area for interactions between Art and a selected one of the communicants, See Col. 11, Lines 63 - 10)**; and

It would have been obvious to an artisan of ordinary skill in the art before the Applicant's effective filing date of the claimed invention to combine Moyers' teaching of persistent expandable panel that includes a single-click response option to initiate an in-conference communication application, along with transmitting a graphical output to display on the client device to improve Mai's system. Both Mai and Moyers disclose communication systems. Moyers' system includes a chat button that allows a panel to open up and show a persistent virtual chat area based on a selected communicant. The combination is an improvement upon the existing system because a graphical output to display on a client device can be transmitted as taught by Mai, where the graphical output can consist of a persistent expandable panel that includes a single-click response option to initiate an in-conference communication application as taught by Moyers, to allow a user to communicate the user's status with the conference participants.

As per claim 10, the system of claim 9, wherein the graphical output triggers a display of one or more predetermined messages (Mai, **One or more embodiments provide a mobile client application** *(graphical output)* **that allows an invitee to check into a meeting to which they have been invited … The administrator or meeting organizer can also configure a list of predetermined (e.g., canned, preconfigured, etc.) messages. In one or more embodiments, the invitee checking in can then easily select any of those predetermined messages from a menu list, See ¶16 – 17** */ The checking in of the invitee on the mobile client application triggers the display of the predetermined messages*).

As per claim 11, the system of claim 9, wherein the graphical output triggers a display of one or more predetermined messages, and wherein at least one of the one or more predetermined messages includes an estimated time of arrival (ETA) of a user of the client device when the user is in a vehicle or the client device is the vehicle (Mai, **The invitee checking in can then easily select any of those predetermined messages from a menu list. For mobile clients, the invitee can also choose an estimated time of arrival option, See ¶17**).

As per claim 12, the system of claim 9, wherein the graphical output triggers a display of one or more predetermined messages, wherein at least one of the one or more predetermined messages includes an estimated time of arrival (ETA) of a user of the client device when the user is in a vehicle or the client device is the vehicle (Mai, **The invitee checking in can then easily select any of those predetermined messages from a menu list. For mobile clients, the invitee can also choose an estimated time of arrival option, See ¶17)**, and wherein the ETA is based on at least one of navigation data or traffic data **(For mobile clients, the invitee can also choose an estimated time of arrival option. When choosing the ETA option, the mobile endpoint calculates the ETA based on the invitee's current location, destination location, and rate of speed (e.g., which can be based on GPS technology, an accelerometer, etc.), See ¶17)**.

As per claim 15, a non-transitory computer-readable storage device including program instructions that, when executed by a processor, cause the processor to perform operations, the operations comprising:

obtaining information associated with a conference that is in progress **(The apparatus receives status information from a number of invitees (i.e., endpoints) associated with a meeting session** *(conference in progress)* **in a network environment. The status information may indicate whether the number of invitees has checked into the meeting session, See ¶37)**;

transmitting a graphical output to display on a client device, the graphical output based on the information **(One or more embodiments provide a mobile client application** *(graphical output)* **that allows an invitee to check into a meeting to which they have been invited, See ¶21)** and

prior to the client device joining the conference **(Once the invitee has checked into the meeting, the invitee can then be displayed in the meeting's participant list with an indicator (icon, graphic, object, avatar, etc.) that they have not joined yet, but that they have checked in, See ¶16)**:

receiving a message from the client device to initiate a communication with a participant device that is present in the conference **(The invitee can also enter any free form text … The administrator or meeting organizer can also configure a list of predetermined (e.g., canned, preconfigured, etc.) messages, See ¶17)**; and

granting the client device access to an in-conference communication application associated with the conference based on the message to communicate with the participant device **(A mobile client** *(in-conference communication application)* **may allow a meeting check in protocol** *(granting access)* **for invitees, along with setting an appropriate text status, See ¶18 … the apparatus may cause a meeting client program to provide a representation of the arrival information for the checked in invitee. In a specific embodiment, the meeting client may provide the representation to all of the invitees or only the host of the meeting session** *(conference in progress)*, **¶38)**.

Mai however does not expressly disclose:

wherein the information includes a duration that a participant has been in the conference.

Moyers discloses:

comprising a persistent expandable panel that remains on top of a display of the client device and includes a single-click response option to initiate an in-conference communication application **(Activating the chat panel button or the chat button opens the chat panel** *(expandable)*. **When the chat panel button is activated, the Chanel panel opens to show a chat interface for a persistent virtual chat area** *(remains on top)* **for interactions occurring in connection with a respective virtual area … When the chat button** *(single-click response)* **is activated, on the other hand, the chat panel opens to show a chat interface for a persistent personal virtual area for interactions between Art and a selected one of the communicants, See Col. 11, Lines 63 - 10)**;

It would have been obvious to an artisan of ordinary skill in the art before the Applicant's effective filing date of the claimed invention to combine Moyers' teaching of persistent expandable panel that includes a single-click response option to initiate an in-conference communication application, along with transmitting a graphical output to display on the client device to improve Mai's system. Both Mai and Moyers disclose communication systems. Moyers' system includes a chat button that allows a panel to open up and show a persistent virtual chat area based on a selected communicant. The combination is

an improvement upon the existing system because a graphical output to display on a client device can be transmitted as taught by Mai, where the graphical output can consist of a persistent expandable panel that includes a single-click response option to initiate an in-conference communication application as taught by Moyers, to allow a user to communicate the user's status with the conference participants.

As per claim 17, the non-transitory computer-readable storage device of claim 15, wherein the conference information includes at least one of a description, an agenda, a time, a location, or a participant identifier **(**Mai, **The apparatus receives status information from a number of invitees (i.e., endpoints) associated with a meeting session in a network environment. The status information may indicate whether the number of invitees has checked into the meeting session. Note that as used herein, the term `status information` includes any information associated with a meeting invitee, a meeting participant, etc., See ¶37)**.

As per claim 19, the non-transitory computer-readable storage device of claim 15, wherein the graphical output triggers a display of one or more predetermined messages **(**Mai, **One or more embodiments provide a mobile client application** *(graphical output)* **that allows an invitee to check into a meeting to which they have been invited … The administrator or meeting organizer can also configure a list of predetermined (e.g., canned, preconfigured, etc.) messages. In one or more embodiments, the invitee checking in can then easily select any of those predetermined messages from a menu list, See ¶16 – 17** */ The checking in of the invitee on the mobile client application triggers the display of the predetermined messages***)**.

As per claim 20, the non-transitory computer-readable storage device of claim 15, wherein the message is a response to the graphical output **(**Mai, **A mobile client may allow a meeting check in protocol** *(graphical output)* **for invitees, along with setting an appropriate text status** *(message in response to graphical output)***, See ¶18)**.

9. Claims 5, 13, and 16 are rejected under 35 U.S.C. 103 as being unpatentable over Mai (US 20150088572), in view of Moyers (US 9065874), in view of Wender (US 11144887), and further in view of Bezemer (US 20100153160).

As per claim 5, the combination of Mai and Moyers discloses all limitations of claim 1.

The combination of Mai and Moyers however does not expressly disclose:

receiving, via the in-conference communication application, a chat message from the client device for the participant device.

Wender discloses:

the method of claim 1, comprising:

receiving, via the in-conference communication application, a chat message from the client device for the participant device **(A chat session may be available, through which attendee users can send messages to one another ... during the monitoring period, the monitoring application can enable a menu of quick messages that can be sent with one click or tap, for situations where a user needs to provide an update about the user's status (e.g., running late) and is not free to type a message, See Col. 29, Lines 52 - 63)**; and

It would have been obvious to an artisan of ordinary skill in the art before the Applicant's effective filing date of the claimed invention to combine Wender's teaching of a receiving a chat message from a client device and Moyers' teaching of persistent expandable panel that includes a single-click response option to initiate an in-conference communication application, along with granting the client device access to an in-conference communication application to communicate with the participant device to improve Mai's system. Mai, Moyers, and Wender all disclose communication systems. Wender's system includes a chat session through which the attendees of a conference can update a user's status. The combination is an improvement upon the existing system because a client device can be granted access to an in-conference communication application to communicate with the participant device as taught by Mai,

where the in-conference communication application can be initiated by a single-click response option of persistent expandable panel as taught by Moyers, where the communication can be further presented in a chat message as taught by Wender, to allow a user who has not yet joined a conference to communicate the user's status with the conference participants.

The combination of Mai, Moyers, and Wender does not expressly disclose:

updating a topic of the conference based on the chat message.

Bezemer discloses:

updating a topic of the conference based on the chat message **(The meeting scheduler supports sending instant meeting schedule updates to handheld devices. Moreover, it updates meeting scheduling information in real-time. For example, if a meeting participant P finds that he will be late or cannot attend a meeting, he can send a notification message from his handheld device to the meeting management system. If the time between the system receiving the notification message and the meeting starting is longer than a threshold (eg., 4 hours), the system reschedules the meeting and notifies all participants. If the time between the system receiving the notification message and the meeting starting is less than a threshold, or the meeting has started when the system receives the message, the system may reorganize the meeting agenda by moving the topics that the meeting participant P is involved with to a later time to allow the participant P to catch up with his topic. The system will notify all participants of the change of meeting schedule and/or agenda via email and/or message to participants' handheld devices, See ¶123)**.

It would have been obvious to an artisan of ordinary skill in the art before the Applicant's effective filing date of the claimed invention to combine Bezemer's teaching of updating a conference topic, Wender's teaching of a receiving a chat message from a client device, and Moyers' teaching of persistent expandable panel that includes a single-click response option to initiate an in-conference communication application, along with granting the client device access to an in-conference communication application to

communicate with the participant device to improve Mai's system. Mai, Moyers, Wender, and Bezemer all disclose communication systems. Bezemer's system includes updating a meeting agenda by moving topics based on a notification message. The combination is an improvement upon the existing system because a client device can be granted access to an in-conference communication application to communicate with the participant device as taught by Mai, where the in-conference communication application can be initiated by a single-click response option of persistent expandable panel as taught by Moyers, where the communication can be further presented in a chat message as taught by Wender, to update a conference topic based on a notification message such as the chat message as taught by Bezemer, to allow a user who has not yet joined a conference to communicate the user's status with the conference participants.

As per claim 13, the system of claim 9, the server configured to:

receive, via the in-conference communication application, a chat message from the client device for the participant device (Wender, **A chat session may be available, through which attendee users can send messages to one another … during the monitoring period, the monitoring application can enable a menu of quick messages that can be sent with one click or tap, for situations where a user needs to provide an update about the user's status (e.g., running late) and is not free to type a message, See Col. 29, Lines 52 - 63)**; and

update a topic of the conference based on the chat message (Bezemer, **The meeting scheduler supports sending instant meeting schedule updates to handheld devices. Moreover, it updates meeting scheduling information in real-time. For example, if a meeting participant P finds that he will be late or cannot attend a meeting, he can send a notification message from his handheld device to the meeting management system. If the time between the system receiving the notification message and the meeting starting is longer than a threshold (eg., 4 hours), the system reschedules the meeting and notifies all participants. If the time between the system receiving the notification message and the meeting starting is less than a threshold, or the meeting has started when the system receives the message, the system may reorganize the meeting agenda by moving the topics that the meeting participant P is involved with to a later time to allow the**

participant P to catch up with his topic. The system will notify all participants of the change of meeting schedule and/or agenda via email and/or message to participants' handheld devices, See ¶123).

As per claim 16, the non-transitory computer-readable storage device of claim 15, wherein the program instructions, when executed by the processor, cause the processor to perform operations, the operations comprising:

receiving, via the in-conference communication application, a chat message from the client device for the participant device (Wender, **A chat session may be available, through which attendee users can send messages to one another ... during the monitoring period, the monitoring application can enable a menu of quick messages that can be sent with one click or tap, for situations where a user needs to provide an update about the user's status (e.g., running late) and is not free to type a message, See Col. 29, Lines 52 - 63)**; and

updating a topic of the conference based on the chat message (Bezemer, **The meeting scheduler supports sending instant meeting schedule updates to handheld devices. Moreover, it updates meeting scheduling information in real-time. For example, if a meeting participant P finds that he will be late or cannot attend a meeting, he can send a notification message from his handheld device to the meeting management system. If the time between the system receiving the notification message and the meeting starting is longer than a threshold (eg., 4 hours), the system reschedules the meeting and notifies all participants. If the time between the system receiving the notification message and the meeting starting is less than a threshold, or the meeting has started when the system receives the message, the system may reorganize the meeting agenda by moving the topics that the meeting participant P is involved with to a later time to allow the participant P to catch up with his topic. The system will notify all participants of the change of meeting schedule and/or agenda via email and/or message to participants' handheld devices, See ¶123)**.

10. Claims 8, 14, and 18 are rejected under 35 U.S.C. 103 as being unpatentable over Mai (US 20150088572), in view of Moyers (US 9065874), and further in view of Wender (US 11144887).

As per claim 8, the combination of Mai and Moyers discloses all limitations of claim 1.

The combination of Mai and Moyers however does not expressly disclose:

wherein the in-conference communication application is a chat room configured for at least one of text messaging, audio messaging, or video messaging.

Wender discloses:

the method of claim 1, wherein the in-conference communication application is a chat room configured for at least one of text messaging, audio messaging, or video messaging **(In some examples, a group chat can automatically be generated for each event. A group chat, which can also be referred to as a chat room, would allow users to share text messages, emojis, gifs, images, videos, or other electronic communications, among other examples, See Col. 26, Liners 1 - 9)**.

It would have been obvious to an artisan of ordinary skill in the art before the Applicant's effective filing date of the claimed invention to combine Wender's teaching of a chat room and Moyers' teaching of persistent expandable panel that includes a single-click response option to initiate an in-conference communication application, along with granting the client device access to an in-conference communication application to communicate with the participant device to improve Mai's system. Mai, Moyers, and Wender all disclose communication systems. Wender's system includes a chat room associated with various electronic communications. The combination is an improvement upon the existing system because a client device can be granted access to an in-conference communication application to communicate with the participant device as taught by Mai, where the in-conference communication application can be initiated by a single-click response option of persistent expandable panel as taught by Moyers, where the in-conference communication application can further include a chat room as taught by

Wender, to allow a user who has not yet joined a conference to communicate the user's status with the conference participants.

As per claim 14, the system of claim 9, wherein the in-conference communication application is a chat room configured for at least one of text messaging, audio messaging, or video messaging (Wender, **In some examples, a group chat can automatically be generated for each event. A group chat, which can also be referred to as a chat room, would allow users to share text messages, emojis, gifs, images, videos, or other electronic communications, among other examples, See Col. 26, Liners 1 - 9)**.

As per claim 18, the non-transitory computer-readable storage device of claim 15. wherein the in-conference communication application is a chat room configured for at least one of text messaging, audio messaging, or video messaging (Wender, **In some examples, a group chat can automatically be generated for each event. A group chat, which can also be referred to as a chat room, would allow users to share text messages, emojis, gifs, images, videos, or other electronic communications, among other examples, See Col. 26, Liners 1 - 9)**.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to NAZIA NAOREEN whose telephone number is (571)270-7282. The examiner can normally be reached M-F: 9:00 - 6:00.

Examiner interviews are available via telephone, in-person, and video conferencing using a USPTO supplied web-based collaboration tool. To schedule an interview, applicant is encouraged to use the USPTO Automated Interview Request (AIR) at http://www.uspto.gov/interviewpractice.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kevin Bates can be reached on 571-272-3980. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of published or unpublished applications may be obtained from Patent Center. Unpublished application information in Patent Center is available to registered users. To file and manage patent submissions in Patent Center, visit: https://patentcenter.uspto.gov. Visit https://www.uspto.gov/patents/apply/patent-center for more information about Patent Center and https://www.uspto.gov/patents/docx for information about filing in DOCX format. For additional questions, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/NAZIA NAOREEN/
Examiner, Art Unit 2458

Notice of References Cited	Application/Control No. 17/472,031	Applicant(s)/Patent Under Reexamination Swerdlow, Nick	
	Examiner NAZIA NAOREEN	Art Unit 2458	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	CPC Classification	US Classification
*	A	US-9065874-B2	06-2015	Moyers; Josh	G06F3/0484	1/1
	B					
	C					
	D					
	E					
	F					
	G					
	H					
	I					
	J					
	K					
	L					
	M					

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	CPC Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 163 of 439

Index of Claims	Application/Control No.	Applicant(s)/Patent Under Reexamination
	17/472,031	Swerdlow, Nick
	Examiner	Art Unit
	NAZIA NAOREEN	2458

✓	Rejected	-	Cancelled	N	Non-Elected	A	Appeal
=	Allowed	÷	Restricted	I	Interference	O	Objected

CLAIMS

☐ Claims renumbered in the same order as presented by applicant ☐ CPA ☐ T.D. ☐ R.1.47

CLAIM		DATE								
Final	Original	03/26/2022	09/13/2022	02/11/2023						
	1	✓	✓	✓						
	2	✓	✓	✓						
	3	✓	✓	✓						
	4	✓	✓	✓						
	5	✓	✓	✓						
	6	✓	✓	✓						
	7	✓	✓	✓						
	8	✓	✓	✓						
	9	✓	✓	✓						
	10	✓	✓	✓						
	11	✓	✓	✓						
	12	✓	✓	✓						
	13	✓	✓	✓						
	14	✓	✓	✓						
	15	✓	✓	✓						
	16	✓	✓	✓						
	17	✓	✓	✓						
	18	✓	✓	✓						
	19	✓	✓	✓						
	20	✓	✓	✓						

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 164 of 439

Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
	17/472,031	Swerdlow, Nick
	Examiner	Art Unit
	NAZIA NAOREEN	2458

CPC - Searched*		
Symbol	**Date**	**Examiner**
H04L12/1818	03/26/2022	NN
H04L12/1822	03/26/2022	NN
H04L51/046	03/26/2022	NN
Updated Search	09/13/2022	NN
Updated Search	02/11/2023	NN

CPC Combination Sets - Searched*		
Symbol	**Date**	**Examiner**

US Classification - Searched*			
Class	**Subclass**	**Date**	**Examiner**

* See search history printout included with this form or the SEARCH NOTES box below to determine the scope of the search.

Search Notes		
Search Notes	**Date**	**Examiner**
Inventor and Assignee	03/26/2022	NN
PE2ESEARCH (US-PGPUB, USPAT, USOCR, FIT, FPRS, EPO, JPO, DERWENT, IBM TDB)	03/26/2022	NN
Classification and Double Patenting	03/26/2022	NN
IP.com search, Google Scholar search	03/26/2022	NN
Updated Search, IP.com search, Google Scholar search	09/13/2022	NN
Updated Search, IP.com search, Google Scholar search	02/11/2023	NN

/NAZIA NAOREEN/ Examiner, Art Unit 2458	

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 165 of 439

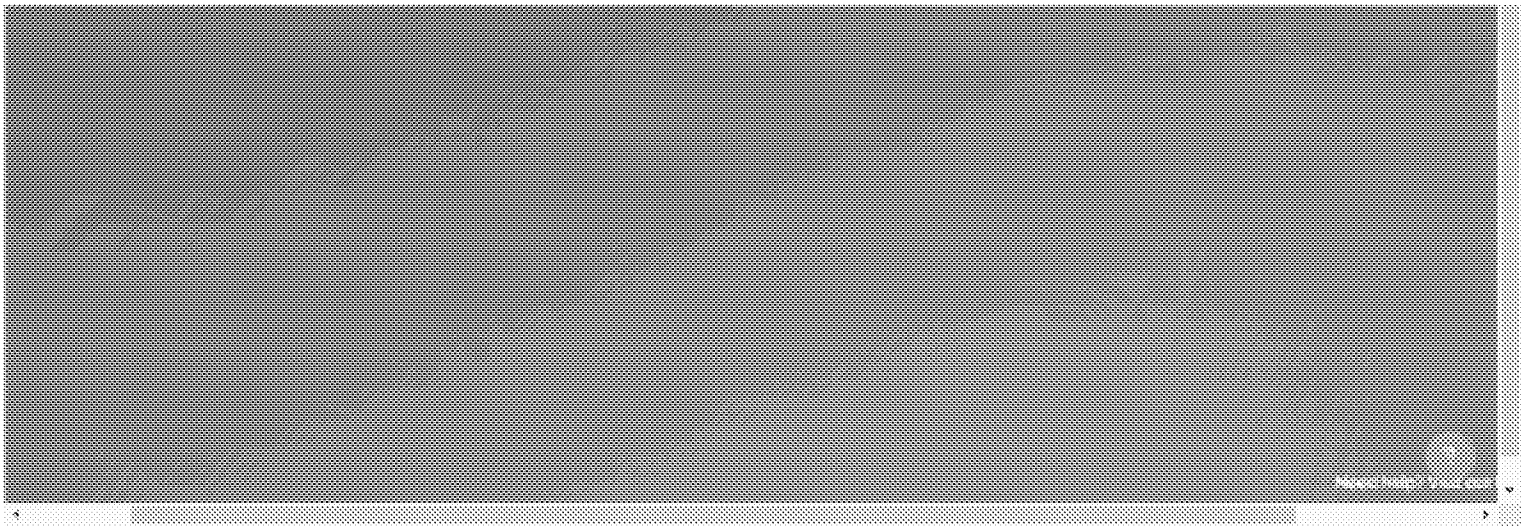
Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
	17/472,031	Swerdlow, Nick
	Examiner	Art Unit
	NAZIA NAOREEN	2458

Interference Search			
US Class/CPC Symbol	US Subclass/CPC Group	Date	Examiner

/NAZIA NAOREEN/ Examiner, Art Unit 2458	

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 166 of 439


IQ+
STIC
InnovationQ+
Powered by IP.com and IEEE
graphical display and communication application and persistent
Recent Searches
graphical display and communication application and persistent
graphical output display and expandable and persistent and single click
single click and initiate communication application
persistent expandable panel and application and top of display
persistent expandable panel that remains on top of a display of the client...



Doc code: IDS
Doc description: Information Disclosure Statement (IDS) Filed

PTO/SB/08a (01-22)
Approved for use through 05/31/2024. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Not for submission under 37 CFR 1.99)

Application Number	17472031
Filing Date	2021-09-10
First Named Inventor	Nick Swerdlow
Art Unit	2458
Examiner Name	N. Naoreen
Attorney Docket Number	ZOOM-164-B

U.S.PATENTS Remove

Examiner Initial*	Cite No	Patent Number	Kind Code[1]	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1					

If you wish to add additional U.S. Patent citation information please click the Add button. Add

U.S.PATENT APPLICATION PUBLICATIONS Remove

Examiner Initial*	Cite No	Publication Number	Kind Code[1]	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	20050069116	A1	2005-03-31	Murray, F. Randall II	
	2	20030097217	A1	2003-05-22	Wells et al.	

If you wish to add additional U.S. Published Application citation information please click the Add button. Add

FOREIGN PATENT DOCUMENTS Remove

Examiner Initial*	Cite No	Foreign Document Number[3]	Country Code[2] i	Kind Code[4]	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	T[5]
	1							

If you wish to add additional Foreign Patent Document citation information please click the Add button Add

NON-PATENT LITERATURE DOCUMENTS Remove

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 169 of 439

ALL REFERENCES CONSIDERED EXCEPT WHERE [illegible]

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Not for submission under 37 CFR 1.99)

Application Number	17472031
Filing Date	2021-09-10
First Named Inventor	Nick Swerdlow
Art Unit	2458
Examiner Name	N. Naoreen
Attorney Docket Number	ZOOM-164-B

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T[5]
	1	International Search Report and Written Opinion mailed on December 13, 2022 in corresponding PCT Application Number PCT/US2022/042864.	
	2	Anonymous: "Is it possible to see who is in a currently running meeting without joining it yourself? - Microsoft Community Hub", 18 November 2020 (2020-11-18), pages 1-5, XP093005369, Retrieved from the Internet: URL: https://techcommunity.microsoft.com/t5/microsoft-teams/is-it-possible-to-see-who-is-in-a-currently-running-meeting/m-p/1901024 [retrieved on 2022-12-06] page 1-page 2	

If you wish to add additional non-patent literature document citation information please click the Add button Add

EXAMINER SIGNATURE

Examiner Signature	/NAZIA NAOREEN/	Date Considered	02/11/2023

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

[1] See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. [2] Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). [3] For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. [4] Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. [5] Applicant is to place a check mark here if English language translation is attached.

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 170 of 439

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /N.N./

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Not for submission under 37 CFR 1.99)

Application Number	17472031
Filing Date	2021-09-10
First Named Inventor	Nick Swerdlow
Art Unit	2458
Examiner Name	N. Naoreen
Attorney Docket Number	ZOOM-164-B

CERTIFICATION STATEMENT

Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

X That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

OR

☐ That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

X See attached certification statement.

X The fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

A certification statement is not submitted herewith.

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/Neil C. Maskeri/	Date (YYYY-MM-DD)	2022-12-14
Name/Print	Neil C. Maskeri	Registration Number	61,591

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 hour to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 171 of 439

ALL REFERENCES CONSIDERED EXCEPT WHERE [illegible]

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these record s.

2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.

3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.

4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).

5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.

6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).

7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.

8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.

9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 172 of 439

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /A.M./ Examiner, Art Unit 2458

PE2E SEARCH - Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	British Equivalents	Time Stamp
L127	10	((("SWERDLOW") near3 ("Nick"))).INV.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	ADJ	ON	ON	2023/02/11 10:33 PM
L128	73	((("ZOOM") near3 ("VIDEO") near3 ("COMMUNICATIONS") near3 ("INC"))).AS,AANM.	(USPAT)	ADJ	ON	ON	2023/02/11 10:33 PM
L129	0	expandable panel SAME conference	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/02/11 10:33 PM
L130	8	expand$3 NEAR panel SAME conference	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/02/11 10:33 PM
L131	59	extend$3 NEAR panel SAME conference	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK,	ADJ	ON	ON	2023/02/11 10:33 PM

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 173 of 439

			TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L132	275	expandable AND (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/02/11 10:33 PM
L133	0	expandable near5 panel AND (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/02/11 10:33 PM
L134	3	expandable near5 menu AND (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/02/11 10:33 PM
L135	20	expandable near5 menu near5 information AND conference	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA,	ADJ	ON	ON	2023/02/11 10:33 PM

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 174 of 439

			EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L136	406	expandable near5 information AND conference	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/02/11 10:33 PM
L137	6	expandable near5 information SAME conference	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/02/11 10:33 PM
L138	20	expandable near5 information SAME meeting	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO;	ADJ	ON	ON	2023/02/11 10:33 PM

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 175 of 439

			JPO; DERWENT; IBM_TDB)				
L139	3108	expandable SAME meeting	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/02/11 10:33 PM
L140	0	exexpandable SAME meeting (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/02/11 10:33 PM
L141	0	expandable SAME meeting (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/02/11 10:33 PM
L142	15	expandable SAME meeting AND (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS,	ADJ	ON	ON	2023/02/11 10:33 PM

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 176 of 439

			IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L143	30	expandable near10 information AND (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/02/11 10:33 PM
L144	11356	persistent SAME panel	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/02/11 10:33 PM
L145	0	persistent near5 expandable near5 panel	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/02/11 10:33 PM

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 177 of 439

L146	47	persistent SAME panel AND (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/02/11 10:33 PM
L147	0	persistent SAME panel SAME top NEAR display AND (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/02/11 10:33 PM
L148	5	persistent SAME panel SAME top NEAR display	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/02/11 10:33 PM
L149	0	persistent SAME panel AND top NEAR display AND (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL,	ADJ	ON	ON	2023/02/11 10:33 PM

			NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L150	2	remains NEAR top NEAR display AND (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/02/11 10:33 PM
L151	53	remains NEAR top NEAR display AND persistent	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2023/02/11 10:33 PM

PE2E SEARCH - Search History (Interference)

There are no Interference searches to show.

Doc code: IDS
Doc description: Information Disclosure Statement (IDS) Filed

PTO/SB/08a (01-22)
Approved for use through 05/31/2024. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Not for submission under 37 CFR 1.99)

Application Number	17472031
Filing Date	2021-09-10
First Named Inventor	Nick Swerdlow
Art Unit	2458
Examiner Name	N. Naoreen
Attorney Docket Number	ZOOM-164-B

U.S.PATENTS Remove

Examiner Initial*	Cite No	Patent Number	Kind Code[1]	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	11488634		2022-11-01	Decrop et al.	
	2	11245735		2022-02-08	Kwatra et al.	
	3	11349679		2022-05-31	Laird-McConnell et al.	

If you wish to add additional U.S. Patent citation information please click the Add button. Add

U.S.PATENT APPLICATION PUBLICATIONS Remove

Examiner Initial*	Cite No	Publication Number	Kind Code[1]	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	20150281149	A1	2015-10-01	Masterson et al.	
	2	20180039951	A1	2018-02-08	WYNN et al.	

If you wish to add additional U.S. Published Application citation information please click the Add button. Add

FOREIGN PATENT DOCUMENTS Remove

Examiner Initial*	Cite No	Foreign Document Number[3]	Country Code[2] i	Kind Code[4]	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	T[5]

ALL REFERENCES CONSIDERED EXCEPT WHERE [illegible]

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 180 of 439

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17472031
	Filing Date	2021-09-10
	First Named Inventor	Nick Swerdlow
	Art Unit	2458
	Examiner Name	N. Naoreen
	Attorney Docket Number	ZOOM-164-B

	1						

If you wish to add additional Foreign Patent Document citation information please click the Add button Add

NON-PATENT LITERATURE DOCUMENTS Remove

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T[5]
	1		

If you wish to add additional non-patent literature document citation information please click the Add button Add

EXAMINER SIGNATURE

Examiner Signature	/NAZIA NAOREEN/	Date Considered	02/11/2023

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

[1] See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. [2] Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). [3] For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. [4] Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. [5] Applicant is to place a check mark here if English language translation is attached.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /N.N./

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 181 of 439

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (**Not for submission under 37 CFR 1.99**)	Application Number	17472031
	Filing Date	2021-09-10
	First Named Inventor	Nick Swerdlow
	Art Unit	2458
	Examiner Name	N. Naoreen
	Attorney Docket Number	ZOOM-164-B

CERTIFICATION STATEMENT

Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

OR

☒ That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

☒ See attached certification statement.

☒ The fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

A certification statement is not submitted herewith.

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/Neil C. Maskeri/	Date (YYYY-MM-DD)	2022-12-13
Name/Print	Neil C. Maskeri	Registration Number	61,591

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 hour to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 182 of 439

ALL REFERENCES CONSIDERED EXCEPT WHERE [illegible]

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these record s.

2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.

3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.

4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).

5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.

6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).

7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.

8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.

9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 183 of 439

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH.

Web Search History

date, time	web site	search string
2/11/2023 10:45:07 PM	Google Scholar	persistent expandable panel that remains on top of a display of the client device and includes a single-click response option to initiate an in-conference communication application
2/11/2023 10:52:39 PM	Google Scholar	persistent expandable panel and application and top of display
2/11/2023 10:58:43 PM	Google Scholar	single click and initiate communication application
2/11/2023 11:05:38 PM	Google Scholar	graphical output display and expandable and persistent and single click
2/11/2023 11:10:56 PM	Google Scholar	graphical display and communication application and persistent

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 184 of 439

PTO/SB/30EFS (01-22)
Approved for use through 05/31/2024. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

REQUEST FOR CONTINUED EXAMINATION(RCE)TRANSMITTAL
(Submitted Only via EFS-Web)

Application Number	17472031	Filing Date	2021-09-10	Docket Number (if applicable)	ZOOM-164-B	Art Unit	2458
First Named Inventor	Nick Swerdlow			Examiner Name	N. Naoreen		

This is a Request for Continued Examination (RCE) under 37 CFR 1.114 of the above-identified application.
Request for Continued Examination (RCE) practice under 37 CFR 1.114 does not apply to any utility or plant application filed prior to June 8, 1995, or to any design application. The Instruction Sheet for this form is located at WWW.USPTO.GOV

SUBMISSION REQUIRED UNDER 37 CFR 1.114

Note: If the RCE is proper, any previously filed unentered amendments and amendments enclosed with the RCE will be entered in the order in which they were filed unless applicant instructs otherwise. If applicant does not wish to have any previously filed unentered amendment(s) entered, applicant must request non-entry of such amendment(s).

☐ Previously submitted. If a final Office action is outstanding, any amendments filed after the final Office action may be considered as a submission even if this box is not checked.

- ☐ Consider the arguments in the Appeal Brief or Reply Brief previously filed on _____
- ☐ Other _____

☒ Enclosed

- ☒ Amendment/Reply
- ☐ Information Disclosure Statement (IDS)
- ☐ Affidavit(s)/ Declaration(s)
- ☐ Other _____

MISCELLANEOUS

☐ Suspension of action on the above-identified application is requested under 37 CFR 1.103(c) for a period of months _____ (Period of suspension shall not exceed 3 months; Fee under 37 CFR 1.17(i) required)

☐ Other _____

FEES

☒ **The RCE fee under 37 CFR 1.17(e) is required by 37 CFR 1.114 when the RCE is filed.**
The Director is hereby authorized to charge any underpayment of fees, or credit any overpayments, to Deposit Account No 25-0115

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

☒ Patent Practitioner Signature

Applicant Signature

PTO/SB/30EFS (01-22)
Approved for use through 05/31/2024. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Signature of Registered U.S. Patent Practitioner			
Signature	/Neil C. Maskeri/	Date (YYYY-MM-DD)	2022-12-16
Name	Neil C. Maskeri	Registration Number	61591

This collection of information is required by 37 CFR 1.114. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these records.

2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.

3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.

4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).

5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.

6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).

7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.

8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.

9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 187 of 439

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Zoom Video Communications, Inc.
First Named Inventor:	Nick Swerdlow
Serial Number:	17/472,031
Filing Date:	September 10, 2021
Examiner/Art Unit:	Nazia Naoreen / 2458 Conf. No. 4940
Title:	Messaging Conference Participants Prior to Joining a Conference

AMENDMENT AFTER FINAL

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Commissioner:

In response to the final Office Action dated September 23, 2022 and the Advisory Action dated December 5, 2022, please enter the remarks and amendments, if any, in the above-identified patent application as indicated below.

If any extensions of time are needed for timely acceptance of this reply and associated papers, Applicant hereby petitions for such extension under 37 C.F.R. §1.136 and authorizes payment from Deposit Account No. 25-0115. If any other fees must be paid in connection with this reply, Applicant authorizes payment from Deposit Account No. 25-0115.

☐ Amendments to the Abstract.

☐ Amendments to the Specification.

☒ Amendments to the Claims.

☐ Amendments to the Drawings.

Listing of the Claims:

1. (Currently Amended) A method for conference messaging, comprising:

obtaining information associated with a conference that is in progress~~, wherein the information includes a duration that a participant has been in the conference~~;

transmitting, to a client device, a graphical output to display on the client device, the graphical output based on the information and comprising a persistent expandable panel that remains on top of a display of the client device and includes a single-click response option to initiate an in-conference communication application;

prior to the client device joining the conference:

receiving a message from the client device to initiate a communication with a participant device that is present in the conference; and

granting the client device access to ~~an~~ the in-conference communication application associated with the conference in progress based on the message to communicate with the participant device.

2. (Original) The method of claim 1, wherein the graphical output triggers a display of one or more predetermined messages.

3. (Currently Amended) The method of claim ~~2~~1, wherein the graphical output triggers a display of one or more predetermined messages, and wherein at least one of the one or more predetermined messages includes an estimated time of arrival (ETA) of a user of the client device when the user is in a vehicle or the client device is the vehicle.

4. (Currently Amended) The method of claim ~~3~~1, wherein the graphical output triggers a display of one or more predetermined messages, wherein at least one of the one or more predetermined messages includes an estimated time of arrival (ETA) of a user of the client device when the user is in a vehicle or the client device is the vehicle, and wherein the ETA is based on at least one of navigation data or traffic data.

5. (Original) The method of claim 1, comprising:

receiving, via the in-conference communication application, a chat message from the client device for the participant device; and

updating a topic of the conference based on the chat message.

6. (Original) The method of claim 1, wherein a user of the client device is a non-host of the conference and the participant is a host of the conference.

7. (Original) The method of claim 1, wherein the conference information includes at least one of a description, an agenda, a time, a location, or a participant identifier.

8. (Original) The method of claim 1, wherein the in-conference communication application is a chat room configured for at least one of text messaging, audio messaging, or video messaging.

9. (Currently Amended) A system for conference messaging, comprising:

a client device; and

a server configured to:

obtain information associated with a conference that is in progress~~, wherein the information includes a duration that a participant has been in the conference~~; and

transmit a graphical output associated with the conference that is in progress, wherein the graphical output is based on the information and comprises a persistent expandable panel that remains on top of a display of the client device an includes a single-click response option to initiate an in-conference communication application; ~~and~~ ~~a~~ the client device configured to display the graphical output on a display of the client device;

prior to the client device joining the conference, the server configured to:

receive a message from the client device to initiate a communication with a participant device that is present in the conference; and

grant the client device access to ~~an~~ the in-conference communication application associated with the conference based on the message to communicate with the participant device; and

prior to the client device joining the conference, the client device configured to:

communicate with the participant device via the in-conference communication application.

10. (Original) The system of claim 9, wherein the graphical output triggers a display of one or more predetermined messages.

11. (Currently Amended) The system of claim ~~10~~9, wherein the graphical output triggers a display of one or more predetermined messages, and wherein at least one of the one or more predetermined messages includes an estimated time of arrival (ETA) of a user of the client device when the user is in a vehicle or the client device is the vehicle.

12. (Currently Amended) The system of claim ~~11~~9, wherein the graphical output triggers a display of one or more predetermined messages, wherein at least one of the one or more predetermined messages includes an estimated time of arrival (ETA) of a user of the client device when the user is in a vehicle or the client device is the vehicle, and wherein the ETA is based on at least one of navigation data or traffic data.

13. (Original) The system of claim 9, the server configured to:

receive, via the in-conference communication application, a chat message from the client device for the participant device; and

update a topic of the conference based on the chat message.

14. (Original) The system of claim 9, wherein the in-conference communication application is a chat room configured for at least one of text messaging, audio messaging, or video messaging.

15. (Currently Amended) A non-transitory computer-readable storage device including program instructions that, when executed by a processor, cause the processor to perform operations, the operations comprising:

obtaining information associated with a conference that is in progress~~, wherein the information includes a duration that a participant has been in the conference~~;

transmitting a graphical output to display on a client device, the graphical output based on the information and comprising a persistent expandable panel that remains on top of a display of the client device and includes a single-click response option to initiate an in-conference communication application;

prior to the client device joining the conference:

receiving a message from the client device to initiate a communication with a participant device that is present in the conference; and

granting the client device access to ~~an~~ the in-conference communication application associated with the conference based on the message to communicate with the participant device.

16. (Original) The non-transitory computer-readable storage device of claim 15, wherein the program instructions, when executed by the processor, cause the processor to perform operations, the operations comprising:

receiving, via the in-conference communication application, a chat message from the client device for the participant device; and

updating a topic of the conference based on the chat message.

17. (Original) The non-transitory computer-readable storage device of claim 15, wherein the conference information includes at least one of a description, an agenda, a time, a location, or a participant identifier.

18. (Original) The non-transitory computer-readable storage device of claim 15, wherein the in-conference communication application is a chat room configured for at least one of text messaging, audio messaging, or video messaging.

19. (Original) The non-transitory computer-readable storage device of claim 15, wherein the graphical output triggers a display of one or more predetermined messages.

20. (Original) The non-transitory computer-readable storage device of claim 15, wherein the message is a response to the graphical output.

REMARKS

In response to the final Office Action dated September 23, 2022 and the Advisory Action dated December 5, 2022, Applicant amends claims 1, 3-4, 9, 11-12, and 15. No new matter is added. After entry of this Amendment, claims 1-20 are pending in the Application. A Request for Continued Examination under 37 C.F.R. § 1.114 is concurrently filed. Reconsideration of the Application as amended is respectfully requested in view of these remarks.

Applicant respectfully submits that this Amendment is suitable for entry after final rejection as it places all claims in condition for allowance, adds no new claims without canceling a finally rejected claim, and/or requires little or no new consideration. Alternatively, it places the Application in better condition for appeal.

Rejections under 35 U.S.C. §103

Claims 1-4, 6-7, 9-12, 15, 17, and 19-20 are rejected under 35 U.S.C. § 103 as being unpatentable over U.S. Patent Application Publication No. 2015/0088572 to Mai et al. ("Mai") in view of U.S. Patent No. 8,589,487 to Reeves et al. ("Reeves").

Regarding claims 1, 9, and 15, Mai fails to disclose or suggest at least a graphical output "comprising a persistent expandable panel that remains on top of a display of the client device and includes a single-click response option to initiate an in-conference communication application," as claimed. Mai is silent with respect to at least a persistent expandable panel that remains on top of the display of the client device. Reeves fails to overcome the deficiencies of Mai. The Applicant notes that U.S. Patent No. 8,861,704 to Jones et. al cited in the Advisory Action fails to disclose at least a persistent panel that remains on top of the display of the client device. Accordingly, the Applicant submits that claims 1, 9, and 15 are allowable over the cited references for at least these reasons.

Claims 5, 13, and 16 are rejected under 35 U.S.C. § 103 as being unpatentable over Mai, in view of Reeves, in view of U.S. Patent No. 11,144,887 to Wender et al. ("Wender"), and further in view of U.S. Patent Application Publication No. 2010/0153160 to Bezemer et al. ("Bezemer").

Claims 5, 13, and 16 are dependent upon claims 1, 9, and 15, respectively. Accordingly, the Applicant submits that claims 5, 13, and 16 are allowable over the cited references for at least the same reasons provided above.

Claims 8, 14, and 18 are rejected under 35 U.S.C. § 103 as being unpatentable over Mai, in view of Reeves, and further in view of Wender.

Claims 8, 14, and 18 are dependent upon claims 1, 9, and 15, respectively. Accordingly, the Applicant submits that claims 8, 14, and 18 are allowable over the cited references for at least the same reasons provided above.

Claims 2-4 and 6-7 are dependent upon claim 1. Claims 10-12 are dependent upon claim 9. Claims 17, 19, and 20 are dependent upon claim 15. Applicant accordingly requests that the rejection of claims 1-20 under 35 U.S.C. § 103 be reconsidered and withdrawn.

Conclusion

It is submitted that this Amendment has antecedent basis in the application as originally filed, including the specification, claims and drawings, and that this Amendment does not add any new subject matter to the application. It is submitted that this Amendment places the application in suitable condition for allowance, notice of which is requested.

The Examiner is invited to contact the undersigned at the telephone number listed below if the Examiner believes an Examiner's amendment would expedite prosecution of the Application.

Respectfully submitted,

YOUNG BASILE
HANLON & MACFARLANE, P.C.

/Neil C. Maskeri/

Neil C. Maskeri
Registration No. 61,591
T: (248) 649-3333
F: (248) 649-3338

3001 West Big Beaver Road, Ste. 624
Troy, Michigan 48084-3107

Electronic Patent Application Fee Transmittal

Application Number:	17472031
Filing Date:	10-Sep-2021
Title of Invention:	Messaging Conference Participants Prior To Joining A Conference
First Named Inventor/Applicant Name:	Nick Swerdlow
Filer:	Neil C. Maskeri/Jessica Tumblin
Attorney Docket Number:	ZOOM-164-B

Filed as Large Entity

Filing Fees for Utility under 35 USC 111(a)

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Miscellaneous:				
RCE- 1ST REQUEST	1801	1	1360	1360
		Total in USD ($)		**1360**

Electronic Acknowledgement Receipt

EFS ID:	47221437
Application Number:	17472031
International Application Number:	
Confirmation Number:	4940
Title of Invention:	Messaging Conference Participants Prior To Joining A Conference
First Named Inventor/Applicant Name:	Nick Swerdlow
Customer Number:	177453
Filer:	Neil C. Maskeri/Jessica Tumblin
Filer Authorized By:	Neil C. Maskeri
Attorney Docket Number:	ZOOM-164-B
Receipt Date:	16-DEC-2022
Filing Date:	10-SEP-2021
Time Stamp:	14:22:25
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	DA
Payment was successfully received in RAM	$1360
RAM confirmation Number	E2022BFE22530485
Deposit Account	250115
Authorized User	Jessica Tumblin

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

37 CFR 1.16 (National application filing, search, and examination fees)

37 CFR 1.17 (Patent application and reexamination processing fees)

37 CFR 1.19 (Document supply fees)

37 CFR 1.20 (Post Issuance fees)

37 CFR 1.21 (Miscellaneous fees and charges)

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Request for Continued Examination (RCE)	ZOOM164B_Request_for_Continued_Examination_Fillable_PDF_20221214.pdf	1666959 a9242823e7ec1c44c8f48cd7ba0bc27c7e4eebc0	no	3
Warnings:					
Information:					
2		ZOOM164B_AdvisoryActionAmd_20220923.pdf	54888 65e5d9164e9f058f42d155d0325b00d5b6b6adc5	yes	8

Multipart Description/PDF files in .zip description

Document Description	Start	End
Response After Final Action	1	1
Claims	2	6
Applicant Arguments/Remarks Made in an Amendment	7	8

Warnings:					
Information:					
3	Fee Worksheet (SB06)	fee-info.pdf	38086 8bf31b93e7438f6673a73c72ee0424b98c7efc91	no	2
Warnings:					
Information:					
		Total Files Size (in bytes):	1759933		

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

PTO/SB/06 (09-11)
Approved for use through 1/31/2014. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875	Application or Docket Number 17/472,031	Filing Date 09/10/2021	☐ To be Mailed

ENTITY: ☑ LARGE ☐ SMALL ☐ MICRO

APPLICATION AS FILED - PART I

FOR	(Column 1) NUMBER FILED	(Column 2) NUMBER EXTRA		RATE ($)	FEE ($)
☐ BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A		N/A	
☐ SEARCH FEE (37 CFR 1.16(k), (i), or (m))	N/A	N/A		N/A	
☐ EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A		N/A	
TOTAL CLAIMS (37 CFR 1.16(i))	minus 20 =	*		x $100 =	
INDEPENDENT CLAIMS (37 CFR 1.16(h))	minus 3 =	*		x $480 =	
☐ APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is $310 ($155 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).				
☐ MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))					
* If the difference in column 1 is less than zero, enter "0" in column 2.				TOTAL	

APPLICATION AS AMENDED - PART II

		(Column 1)		(Column 2)	(Column 3)			
AMENDMENT	12/16/2022	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA		RATE ($)	ADDITIONAL FEE ($)
	Total (37 CFR 1.16(i))	* 20	Minus	** 20	= 0		x $100 =	0
	Independent (37 CFR 1.16(h))	* 3	Minus	*** 3	= 0		x $480 =	0
	☐ Application Size Fee (37 CFR 1.16(s))							
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							
							TOTAL ADD'L FEE	0

		(Column 1)		(Column 2)	(Column 3)			
AMENDMENT		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA		RATE ($)	ADDITIONAL FEE ($)
	Total (37 CFR 1.16(i))	*	Minus	**	=		x $0 =	
	Independent (37 CFR 1.16(h))	*	Minus	***	=		x $0 =	
	☐ Application Size Fee (37 CFR 1.16(s))							
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							
							TOTAL ADD'L FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.	LIE
** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".	/PEARLIE A FENNELL/
*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".	
The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.	

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PTO/SB/08a (01-22)
Approved for use through 05/31/2024. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Not for submission under 37 CFR 1.99)

Application Number	17472031
Filing Date	2021-09-10
First Named Inventor	Nick Swerdlow
Art Unit	2458
Examiner Name	N. Naoreen
Attorney Docket Number	ZOOM-164-B

U.S.PATENTS Remove

Examiner Initial*	Cite No	Patent Number	Kind Code[1]	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1					

If you wish to add additional U.S. Patent citation information please click the Add button. Add

U.S.PATENT APPLICATION PUBLICATIONS Remove

Examiner Initial*	Cite No	Publication Number	Kind Code[1]	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	20050069116	A1	2005-03-31	Murray, F. Randall II	
	2	20030097217	A1	2003-05-22	Wells et al.	

If you wish to add additional U.S. Published Application citation information please click the Add button. Add

FOREIGN PATENT DOCUMENTS Remove

Examiner Initial*	Cite No	Foreign Document Number[3]	Country Code[2] i	Kind Code[4]	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	T[5]
	1							

If you wish to add additional Foreign Patent Document citation information please click the Add button Add

NON-PATENT LITERATURE DOCUMENTS Remove

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17472031
	Filing Date	2021-09-10
	First Named Inventor	Nick Swerdlow
	Art Unit	2458
	Examiner Name	N. Naoreen
	Attorney Docket Number	ZOOM-164-B

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T[5]
	1	International Search Report and Written Opinion mailed on December 13, 2022 in corresponding PCT Application Number PCT/US2022/042864.	
	2	Anonymous: "Is it possible to see who is in a currently running meeting without joining it yourself? - Microsoft Community Hub", 18 November 2020 (2020-11-18), pages 1-5, XP093005369, Retrieved from the Internet: URL: https://techcommunity.microsoft.com/t5/microsoft-teams/is-it-possible-to-see-who-is-in-a-currently-running-meeting/m-p/1901024 [retrieved on 2022-12-06] page 1-page 2	

If you wish to add additional non-patent literature document citation information please click the Add button Add

EXAMINER SIGNATURE

Examiner Signature		Date Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

[1] See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. [2] Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). [3] For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. [4] Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. [5] Applicant is to place a check mark here if English language translation is attached.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17472031
	Filing Date	2021-09-10
	First Named Inventor	Nick Swerdlow
	Art Unit	2458
	Examiner Name	N. Naoreen
	Attorney Docket Number	ZOOM-164-B

CERTIFICATION STATEMENT

Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

☒ That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

OR

☐ That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

☒ See attached certification statement.

☒ The fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

A certification statement is not submitted herewith.

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/Neil C. Maskeri/	Date (YYYY-MM-DD)	2022-12-14
Name/Print	Neil C. Maskeri	Registration Number	61,591

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 hour to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these record s.

2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.

3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.

4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).

5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.

6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).

7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.

8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.

9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Electronic Patent Application Fee Transmittal

Application Number:	17472031
Filing Date:	10-Sep-2021
Title of Invention:	Messaging Conference Participants Prior To Joining A Conference
First Named Inventor/Applicant Name:	Nick Swerdlow
Filer:	Neil C. Maskeri/Jessica Tumblin
Attorney Docket Number:	ZOOM-164-B

Filed as Large Entity

Filing Fees for Utility under 35 USC 111(a)

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Miscellaneous:				
SUBMISSION- INFORMATION DISCLOSURE STMT	1806	1	260	260
		Total in USD ($)		**260**

Electronic Acknowledgement Receipt

EFS ID:	47207792
Application Number:	17472031
International Application Number:	
Confirmation Number:	4940
Title of Invention:	Messaging Conference Participants Prior To Joining A Conference
First Named Inventor/Applicant Name:	Nick Swerdlow
Customer Number:	177453
Filer:	Neil C. Maskeri/Jessica Tumblin
Filer Authorized By:	Neil C. Maskeri
Attorney Docket Number:	ZOOM-164-B
Receipt Date:	14-DEC-2022
Filing Date:	10-SEP-2021
Time Stamp:	15:29:56
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	DA
Payment was successfully received in RAM	$260
RAM confirmation Number	E2022BDF30422493
Deposit Account	250115
Authorized User	Jessica Tumblin

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

37 CFR 1.16 (National application filing, search, and examination fees)

37 CFR 1.17 (Patent application and reexamination processing fees)

37 CFR 1.19 (Document supply fees)

37 CFR 1.20 (Post Issuance fees)

37 CFR 1.21 (Miscellaneous fees and charges)

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Non Patent Literature	NPL2_XP93005369AI.pdf	102361 40533fb81e2c01f93b4efb621158e10fde771915	no	5
Warnings:					
Information:					
2	Information Disclosure Statement (IDS) Form (SB08)	ZOOM164B_Information_Disclosure_Statement_Fillable_PDF_20221213.pdf	1263612 6d1b9c58c45f0e646611402c3ff603c0be769da2	no	4
Warnings:					
Information:					
3	Non Patent Literature	NPL_ZOOM164BWO_ISRWrittenOpinion_20221213.pdf	9118490 968875a53072c91be70d5ed758bf2c6b5bb563e3	no	10
Warnings:					
Information:					
4	Fee Worksheet (SB06)	fee-info.pdf	38192 74ccd6e4650c5621dcbae6132c095770687dc2e5	no	2
Warnings:					
Information:					
		Total Files Size (in bytes):	10522655		

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

PTO/SB/08a (01-22)
Approved for use through 05/31/2024. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Not for submission under 37 CFR 1.99)

Application Number	17472031
Filing Date	2021-09-10
First Named Inventor	Nick Swerdlow
Art Unit	2458
Examiner Name	N. Naoreen
Attorney Docket Number	ZOOM-164-B

U.S.PATENTS Remove

Examiner Initial*	Cite No	Patent Number	Kind Code[1]	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	11488634		2022-11-01	Decrop et al.	
	2	11245735		2022-02-08	Kwatra et al.	
	3	11349679		2022-05-31	Laird-McConnell et al.	

If you wish to add additional U.S. Patent citation information please click the Add button. Add

U.S.PATENT APPLICATION PUBLICATIONS Remove

Examiner Initial*	Cite No	Publication Number	Kind Code[1]	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	20150281149	A1	2015-10-01	Masterson et al.	
	2	20180039951	A1	2018-02-08	WYNN et al.	

If you wish to add additional U.S. Published Application citation information please click the Add button. Add

FOREIGN PATENT DOCUMENTS Remove

Examiner Initial*	Cite No	Foreign Document Number[3]	Country Code[2] i	Kind Code[4]	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	T[5]

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 211 of 439

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17472031
	Filing Date	2021-09-10
	First Named Inventor	Nick Swerdlow
	Art Unit	2458
	Examiner Name	N. Naoreen
	Attorney Docket Number	ZOOM-164-B

	1						

If you wish to add additional Foreign Patent Document citation information please click the Add button Add

NON-PATENT LITERATURE DOCUMENTS Remove

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T[5]
	1		

If you wish to add additional non-patent literature document citation information please click the Add button Add

EXAMINER SIGNATURE

Examiner Signature		Date Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

[1] See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. [2] Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). [3] For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. [4] Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. [5] Applicant is to place a check mark here if English language translation is attached.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17472031
	Filing Date	2021-09-10
	First Named Inventor	Nick Swerdlow
	Art Unit	2458
	Examiner Name	N. Naoreen
	Attorney Docket Number	ZOOM-164-B

CERTIFICATION STATEMENT

Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

OR

☒ That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

☒ See attached certification statement.

☒ The fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

A certification statement is not submitted herewith.

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/Neil C. Maskeri/	Date (YYYY-MM-DD)	2022-12-13
Name/Print	Neil C. Maskeri	Registration Number	61,591

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 hour to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these record s.

2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.

3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.

4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).

5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.

6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).

7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.

8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.

9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Electronic Patent Application Fee Transmittal

Application Number:	17472031
Filing Date:	10-Sep-2021
Title of Invention:	Messaging Conference Participants Prior To Joining A Conference
First Named Inventor/Applicant Name:	Nick Swerdlow
Filer:	Neil C. Maskeri/Jessica Tumblin
Attorney Docket Number:	ZOOM-164-B

Filed as Large Entity

Filing Fees for Utility under 35 USC 111(a)

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Miscellaneous:				
SUBMISSION- INFORMATION DISCLOSURE STMT	1806	1	260	260
		Total in USD ($)		**260**

Electronic Acknowledgement Receipt

EFS ID:	47197541
Application Number:	17472031
International Application Number:	
Confirmation Number:	4940
Title of Invention:	Messaging Conference Participants Prior To Joining A Conference
First Named Inventor/Applicant Name:	Nick Swerdlow
Customer Number:	177453
Filer:	Neil C. Maskeri/Jessica Tumblin
Filer Authorized By:	Neil C. Maskeri
Attorney Docket Number:	ZOOM-164-B
Receipt Date:	13-DEC-2022
Filing Date:	10-SEP-2021
Time Stamp:	14:31:49
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	DA
Payment was successfully received in RAM	$260
RAM confirmation Number	E2022BCE32292635
Deposit Account	250115
Authorized User	Jessica Tumblin

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

37 CFR 1.16 (National application filing, search, and examination fees)

37 CFR 1.17 (Patent application and reexamination processing fees)

37 CFR 1.19 (Document supply fees)

37 CFR 1.20 (Post Issuance fees)

37 CFR 1.21 (Miscellaneous fees and charges)

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Information Disclosure Statement (IDS) Form (SB08)	ZOOM164B_Information_Disclosure_Statement_Fillable_PDF_20221130.pdf	1263326 e31ea0936dd2531a6364b952130eec20f65fe817	no	4
Warnings:					
Information:					
2	Fee Worksheet (SB06)	fee-info.pdf	38192 57bdd8ee5178ceae85b11ee3ee469e1797a2f688	no	2
Warnings:					
Information:					
		Total Files Size (in bytes):	1301518		

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
17/472,031	09/10/2021	Nick Swerdlow	ZOOM-164-B	4940

177453 7590 12/05/2022

Zoom Video Communications, Inc. at Young Basile
3001 West Big Beaver Rd., Ste. 624
Troy, MI 48084

EXAMINER	
NAOREEN, NAZIA	

ART UNIT	PAPER NUMBER
2458	

NOTIFICATION DATE	DELIVERY MODE
12/05/2022	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

docketing@youngbasile.com

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 219 of 439

Advisory Action Before the Filing of an Appeal Brief	**Application No.** 17/472,031	**Applicant(s)** Swerdlow, Nick	
	Examiner NAZIA NAOREEN	**Art Unit** 2458	**AIA (FITF) Status** Yes

--The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

THE REPLY FILED 18 November 2022 FAILS TO PLACE THIS APPLICATION IN CONDITION FOR ALLOWANCE.

NO NOTICE OF APPEAL FILED

1. ☑ The reply was filed after a final rejection. No Notice of Appeal has been filed. To avoid abandonment of this application, applicant must timely file one of the following replies: (1) an amendment, affidavit, or other evidence, which places the application in condition for allowance; (2) a Notice of Appeal (with appeal fee) in compliance with 37 CFR 41.31; or (3) a Request for Continued Examination (RCE) in compliance with 37 CFR 1.114 if this is a utility or plant application. Note that RCEs are not permitted in design applications. The reply must be filed within one of the following time periods:
   a) ☐ The period for reply expires ____ months from the mailing date of the final rejection.
   b) ☑ The period for reply expires on: (1) the mailing date of this Advisory Action; or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection.
   c) ☐ A prior Advisory Action was mailed more than 3 months after the mailing date of the final rejection in response to a first after-final reply filed within 2 months of the mailing date of the final rejection.The current period for reply expires ____ months from the mailing date of *the prior Advisory Action* or SIX MONTHS from the mailing date of the final rejection, whichever is earlier.
   Examiner Note: If box 1 is checked, check either box (a), (b) or (c). ONLY CHECK BOX (b) WHEN THIS ADVISORY ACTION IS THE FIRST RESPONSE TO APPLICANTS FIRST AFTER-FINAL REPLY WHICH WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. ONLY CHECK BOX (c) IN THE LIMITED SITUATION SET FORTH UNDER BOX (c). See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) or (c) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

NOTICE OF APPEAL

2. ☐ The Notice of Appeal was filed on _____. A brief in compliance with 37 CFR 41.37 must be filed within two months of the date of filing the Notice of Appeal (37 CFR 41.37(a)), or any extension thereof (37 CFR 41.37(e)), to avoid dismissal of the appeal. Since a Notice of Appeal has been filed, any reply must be filed within the time period set forth in 37CFR 41.37(a).

AMENDMENTS

3. ☑ The proposed amendments filed after a final rejection, but prior to the date of filing a brief, will not be entered because
   a) ☑ They raise new issues that would require further consideration and/or search (see NOTE below);
   b) ☐ They raise the issue of new matter (see NOTE below);
   c) ☐ They are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or
   d) ☐ They present additional claims without canceling a corresponding number of finally rejected claims.
   NOTE: See Continuation Sheet (See 37 CFR 1.116 and 41.33(a)).
4. ☐ The amendments are not in compliance with 37 CFR 1.121. See attached Notice of Non-Compliant Amendment (PTOL-324).
5. ☐ Applicant's reply has overcome the following rejection(s): _____
6. ☐ Newly proposed or amended claim(s) _____ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).
7. ☑ For purposes of appeal, the proposed amendment(s):(a) ☑ will not be entered, or (b) ☐ will be entered, and an explanation of how the new or amended claims would be rejected is provided below or appended.

AFFIDAVIT OR OTHER EVIDENCE

8. ☐ A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on _____
9. ☐ The affidavit or other evidence filed after final action, but before or on the date of filing a Notice of Appeal will not be entered because applicant failed to provide a showing of good and sufficient reasons why the affidavit or other evidence is necessary and was not earlier presented. See 37 CFR 1.116(e).
10. ☐ The affidavit or other evidence filed after the date of filing the Notice of Appeal, but prior to the date of filing a brief, will not be entered because the affidavit or other evidence failed to overcome all rejections under appeal and/or appellant fails to provide a showing of good and sufficient reasons why it is necessary and was not earlier presented. See 37 CFR 41.33(d)(1).
11. ☐ The affidavit or other evidence is entered. An explanation of the status of the claims after entry is below or attached.

REQUEST FOR RECONSIDERATION/OTHER

12. ☐ The request for reconsideration has been considered but does NOT place the application in condition for allowance because: _____.
13. ☑ Note the attached Information *Disclosure Statement*(s). (PTO/SB/08) Paper No(s). 10/19/2022
14. ☑ Other: See Attached PTO-2323 and Interview Summary.

STATUS OF CLAIMS

15. The status of the claim(s) is (or will be) as follows:
    Claim(s) allowed:_____.
    Claim(s) objected to:_____.
    Claim(s) rejected:1-20.
    Claim(s) withdrawn from consideration:_____.

/NAZIA NAOREEN/ Examiner, Art Unit 2458	

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 220 of 439

Continuation of 3. NOTE: Applicant's request for entry into AFCP 2.0 is acknowledged. The examiner performed an updated search and/or completed additional consideration of the after final amendment within the time authorized for the pilot program.

Examiner has found U.S. patent 8,861,704 as a relevant prior art. Please refer to Col. 7, Lines 35 - 57 of the patent application for further details.

Examiner-Initiated Interview Summary	**Application No.** 17/472,031	**Applicant(s)** Swerdlow, Nick		
	Examiner NAZIA NAOREEN	**Art Unit** 2458	**AIA (First Inventor to File) Status** Yes	**Page** 1 of 1

All Participants (applicant, applicants representative, PTO personnel)	**Title**	**Type**
NAZIA NAOREEN	Examiner	Telephonic
NEIL C. MASKERI	Attorney	

Date of Interview: 30 November 2022

Issues Discussed:

Proposed Amendment(s)

Examiner contacted the attorney to discuss the updated search of the after final amendment. Examiner explained that a relevant prior art, US 8861704, was found and it could apply to the currently amended claim limitations.

/NAZIA NAOREEN/ Examiner, Art Unit 2458	

Applicant is reminded that a complete written statement as to the substance of the interview must be made of record in the application file. It is the applicants responsibility to provide the written statement, unless the interview was initiated by the Examiner and the Examiner has indicated that a written summary will be provided. See MPEP 713.04
Please further see:
MPEP 713.04
Title 37 Code of Federal Regulations (CFR) § 1.133 Interviews, paragraph (b)
37 CFR § 1.2 Business to be transacted in writing

Applicant recordation instructions: It is not necessary for applicant to provide a separate record of the substance of interview.

Examiner recordation instructions: Examiners must summarize the substance of any interview of record. A complete and proper recordation of the substance of an interview should include the items listed in MPEP 713.04 for complete and proper recordation including the identification of the general thrust of each argument or issue discussed, a general indication of any other pertinent matters discussed regarding patentability and the general results or outcome of the interview, to include an indication as to whether or not agreement was reached on the issues raised.

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 222 of 439

AFCP 2.0 Decision

Application No.	Applicant(s)	
17/472,031	Swerdlow, Nick	
Examiner	**Art Unit**	**AIA (FITF) Status**
NAZIA NAOREEN	2458	Yes

This is in response to the After Final Consideration Pilot request filed 18 November 2022.

1. **Improper Request** – The AFCP 2.0 request is improper for the following reason(s) and the after final amendment submitted with the request will be treated under pre-pilot procedure.

   ☐ An AFCP 2.0 request form PTO/SB/434 (or equivalent document) was not submitted.

   ☐ A non-broadening amendment to at least one independent claim was not submitted.

   ☐ The request is not the first proper AFCP 2.0 request submitted in response to the most recent final rejection.

   ☐ Other: _____

2. **Proper Request**

   A. After final amendment submitted with the request will not be treated under AFCP 2.0.
   The after final amendment cannot be reviewed and a search conducted within the guidelines of the pilot program.

   ☐ The after final amendment will be treated under pre-pilot procedure.

   B. Updated search and/or completed additional consideration.
   The examiner performed an updated search and/or completed additional consideration of the after final amendment within the time authorized for the pilot program. The result(s) of the updated search and/or completed additional consideration are:

   ☐ 1. All of the rejections in the most recent final Office action are overcome and a Notice of Allowance is issued herewith.

   ☐ 2. The after final amendment would not overcome all of the rejections in the most recent final Office action . See attached interview summary for further details.

   ☐ 3. The after final amendment was reviewed, and it raises a new issue(s). See attached interview summary for further details.

   ☑ 4. The after final amendment raises new issues, but would overcome all of the rejections in the most recent final Office action. A decision on determining allowability could not be made within the guidelines of the pilot. See attached interview summary for further details, including any newly discovered prior art.

   ☐ 5. Other: _____

   Examiner Note: Please attach an interview summary when necessary as described above.

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 223 of 439

Atty. Doc. No. ZOOM-164-B PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Zoom Video Communications, Inc.	
First Named Inventor:	Nick Swerdlow	
Serial Number:	17/472,031	
Filing Date:	September 10, 2021	
Examiner/Art Unit:	Nazia Naoreen / 2458	Conf. No. 4940
Title:	Messaging Conference Participants Prior to Joining a Conference	

AMENDMENT AFTER FINAL

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Commissioner:

In response to the final Office Action dated September 23, 2022, please enter the remarks and amendments, if any, in the above-identified patent application as indicated below.

If any extensions of time are needed for timely acceptance of this reply and associated papers, Applicant hereby petitions for such extension under 37 C.F.R. §1.136 and authorizes payment from Deposit Account No. 25-0115. If any other fees must be paid in connection with this reply, Applicant authorizes payment from Deposit Account No. 25-0115.

☐ Amendments to the Abstract.

☐ Amendments to the Specification.

☒ Amendments to the Claims.

☐ Amendments to the Drawings.

Doc code: IDS
Doc description: Information Disclosure Statement (IDS) Filed

PTO/SB/08a (01-22)
Approved for use through 05/31/2024. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Not for submission under 37 CFR 1.99)

Application Number	17472031
Filing Date	2021-09-10
First Named Inventor	Nick Swerdlow
Art Unit	2458
Examiner Name	N. Naoreen
Attorney Docket Number	ZOOM-164-B

U.S.PATENTS Remove

Examiner Initial*	Cite No	Patent Number	Kind Code[1]	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1					

If you wish to add additional U.S. Patent citation information please click the Add button. Add

U.S.PATENT APPLICATION PUBLICATIONS Remove

Examiner Initial*	Cite No	Publication Number	Kind Code[1]	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	20220141044		2022-05-05	Burpee	

If you wish to add additional U.S. Published Application citation information please click the Add button. Add

FOREIGN PATENT DOCUMENTS Remove

Examiner Initial*	Cite No	Foreign Document Number[3]	Country Code[2] i	Kind Code[4]	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	T[5]
	1							

If you wish to add additional Foreign Patent Document citation information please click the Add button Add

NON-PATENT LITERATURE DOCUMENTS Remove

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T[5]

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH.

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 225 of 439

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17472031
	Filing Date	2021-09-10
	First Named Inventor	Nick Swerdlow
	Art Unit	2458
	Examiner Name	N. Naoreen
	Attorney Docket Number	ZOOM-164-B

	1	

If you wish to add additional non-patent literature document citation information please click the Add button Add

EXAMINER SIGNATURE

Examiner Signature	/NAZIA NAOREEN/	Date Considered	11/30/2022

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

[1] See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. [2] Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). [3] For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. [4] Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. [5] Applicant is to place a check mark here if English language translation is attached.

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 226 of 439

ALL REFERENCES CONSIDERED EXCEPT WHERE [illegible]

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (**Not for submission under 37 CFR 1.99**)	Application Number	17472031
	Filing Date	2021-09-10
	First Named Inventor	Nick Swerdlow
	Art Unit	2458
	Examiner Name	N. Naoreen
	Attorney Docket Number	ZOOM-164-B

CERTIFICATION STATEMENT

Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

OR

☒ That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

See attached certification statement.

The fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

A certification statement is not submitted herewith.

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/Neil C. Maskeri/	Date (YYYY-MM-DD)	2022-10-19
Name/Print	Neil C. Maskeri	Registration Number	61,591

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 hour to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 227 of 439

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these record s.

2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.

3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.

4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).

5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.

6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).

7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.

8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.

9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 228 of 439

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED-THROUGH.

PE2E SEARCH - Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	British Equivalents	Time Stamp
L104	0	expandable panel SAME conference	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2022/11/29 04:54 PM
L105	8	expand$3 NEAR panel SAME conference	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2022/11/29 04:55 PM
L106	57	extend$3 NEAR panel SAME conference	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2022/11/29 04:56 PM
L107	269	expandable AND (H04L12/1818 OR H04L12/1822 OR H04L51/046) cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU,	ADJ	ON	ON	2022/11/29 04:57 PM

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 229 of 439

			CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L108	0	expandable near5 panel AND (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2022/11/29 04:57 PM
L109	3	expandable near5 menu AND (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2022/11/29 04:57 PM
L110	20	expandable near5 menu near5 information AND conference	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN,	ADJ	ON	ON	2022/11/29 04:59 PM

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 230 of 439

			WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L111	401	expandable near5 information AND conference	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2022/11/29 05:17 PM
L112	6	expandable near5 information SAME conference	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2022/11/29 05:17 PM
L113	20	expandable near5 information SAME meeting	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2022/11/29 05:17 PM
L114	3057	expandable SAME meeting	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB,	ADJ	ON	ON	2022/11/29 05:18 PM

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 231 of 439

			HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L115	0	exexpandable SAME meeting (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2022/11/29 05:18 PM
L116	0	expandable SAME meeting (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2022/11/29 05:18 PM
L117	15	expandable SAME meeting AND (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT;	ADJ	ON	ON	2022/11/29 05:18 PM

			IBM_TDB)				
L118	30	expandable near10 information AND (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2022/11/29 05:20 PM

PE2E SEARCH - Search History (Interference)

There are no Interference searches to show.

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 233 of 439

Doc Code: A.NE.AFCP
Document Description: After Final Consideration Program Request

PTO/SB/434 (3-22)

CERTIFICATION AND REQUEST FOR CONSIDERATION UNDER THE AFTER FINAL CONSIDERATION PILOT PROGRAM 2.0

Practitioner Docket No.:	Application No.:	Filing Date:
ZOOM-164-B	17/472,031	September 10, 2021

First Named Inventor:	Title:
Nick Swerdlow	Messaging Conference Participants Prior To Joining A Conference

APPLICANT HEREBY CERTIFIES THE FOLLOWING AND REQUESTS CONSIDERATION UNDER THE AFTER FINAL CONSIDERATION PILOT PROGRAM 2.0 (AFCP 2.0) OF THE ACCOMPANYING RESPONSE UNDER 37 CFR 1.116.

1. The above-identified application is (i) an original utility, plant, or design nonprovisional application filed under 35 U.S.C. 111(a) [a continuing application (*e.g.*, a continuation or divisional application) is filed under 35 U.S.C. 111(a) and is eligible under (i)], or (ii) an international application that has entered the national stage in compliance with 35 U.S.C. 371(c).

2. The above-identified application contains an outstanding final rejection.

3. Submitted herewith is a response under 37 CFR 1.116 to the outstanding final rejection. The response includes an amendment to at least one independent claim, and the amendment does not broaden the scope of the independent claim in any aspect.

4. This certification and request for consideration under AFCP 2.0 is the only AFCP 2.0 certification and request filed in response to the outstanding final rejection.

5. Applicant is willing and available to participate in any interview requested by the examiner concerning the present response.

6. This certification and request is being filed electronically using the USPTO's patent electronic filing system.

7. Any fees that would be necessary consistent with current practice concerning responses after final rejection under 37 CFR 1.116, *e.g.*, extension of time fees, are being concurrently filed herewith. [There is no additional fee required to request consideration under AFCP 2.0.]

8. By filing this certification and request, applicant acknowledges the following:

- Reissue applications and reexamination proceedings are not eligible to participate in AFCP 2.0.
- The examiner will verify that the AFCP 2.0 submission is compliant, *i.e.*, that the requirements of the program have been met (see items 1 to 7 above). For compliant submissions:
  - The examiner will review the response under 37 CFR 1.116 to determine if additional search and/or consideration (i) is necessitated by the amendment and (ii) could be completed within the time allotted under AFCP 2.0. If additional search and/or consideration is required but cannot be completed within the allotted time, the examiner will process the submission consistent with current practice concerning responses after final rejection under 37 CFR 1.116, *e.g.*, by mailing an advisory action.
  - If the examiner determines that the amendment does not necessitate additional search and/or consideration, or if the examiner determines that additional search and/or consideration is required and could be completed within the allotted time, then the examiner will consider whether the amendment places the application in condition for allowance (after completing the additional search and/or consideration, if required). If the examiner determines that the amendment does not place the application in condition for allowance, then the examiner will contact the applicant and request an interview.
    - The interview will be conducted by the examiner, and if the examiner does not have negotiation authority, a primary examiner and/or supervisory patent examiner will also participate.
    - If the applicant declines the interview, or if the interview cannot be scheduled within ten (10) calendar days from the date that the examiner first contacts the applicant, then the examiner will proceed consistent with current practice concerning responses after final rejection under 37 CFR 1.116.

Signature	Date	Practitioner Registration No.
/Neil C. Maskeri/	November 18, 2022	61,591
Name (Print/Typed)	**Telephone Number**	
Neil C. Maskeri	(248) 649-3333	

***Note**: This form must be signed in accordance with 37 CFR 1.33. See 37 CFR 1.4(d) for signature requirements and certifications. Submit multiple forms if more than one signature is required, see below*.*

☐ * Total of 1 forms are submitted.

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 234 of 439

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Zoom Video Communications, Inc.
First Named Inventor:	Nick Swerdlow
Serial Number:	17/472,031
Filing Date:	September 10, 2021
Examiner/Art Unit:	Nazia Naoreen / 2458 Conf. No. 4940
Title:	Messaging Conference Participants Prior to Joining a Conference

AMENDMENT AFTER FINAL

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Commissioner:

In response to the final Office Action dated September 23, 2022, please enter the remarks and amendments, if any, in the above-identified patent application as indicated below.

If any extensions of time are needed for timely acceptance of this reply and associated papers, Applicant hereby petitions for such extension under 37 C.F.R. §1.136 and authorizes payment from Deposit Account No. 25-0115. If any other fees must be paid in connection with this reply, Applicant authorizes payment from Deposit Account No. 25-0115.

☐ Amendments to the Abstract.

☐ Amendments to the Specification.

☒ Amendments to the Claims.

☐ Amendments to the Drawings.

Listing of the Claims:

1. (Currently Amended) A method for conference messaging, comprising:

obtaining information associated with a conference that is in progress~~, wherein the information includes a duration that a participant has been in the conference~~;

transmitting, to a client device, a graphical output to display on the client device, the graphical output based on the information and comprising an expandable panel configured to display additional conference information;

prior to the client device joining the conference:

receiving a message from the client device to initiate a communication with a participant device that is present in the conference; and

granting the client device access to an in-conference communication application associated with the conference in progress based on the message to communicate with the participant device.

2. (Original) The method of claim 1, wherein the graphical output triggers a display of one or more predetermined messages.

3. (Currently Amended) The method of claim ~~2~~1, wherein the graphical output triggers a display of one or more predetermined messages, and wherein at least one of the one or more predetermined messages includes an estimated time of arrival (ETA) of a user of the client device when the user is in a vehicle or the client device is the vehicle.

4. (Currently Amended) The method of claim ~~3~~1, wherein the graphical output triggers a display of one or more predetermined messages, wherein at least one of the one or more predetermined messages includes an estimated time of arrival (ETA) of a user of the client device when the user is in a vehicle or the client device is the vehicle, and wherein the ETA is based on at least one of navigation data or traffic data.

5. (Original) The method of claim 1, comprising:

receiving, via the in-conference communication application, a chat message from the client device for the participant device; and

updating a topic of the conference based on the chat message.

6. (Original) The method of claim 1, wherein a user of the client device is a non-host of the conference and the participant is a host of the conference.

7. (Original) The method of claim 1, wherein the conference information includes at least one of a description, an agenda, a time, a location, or a participant identifier.

8. (Original) The method of claim 1, wherein the in-conference communication application is a chat room configured for at least one of text messaging, audio messaging, or video messaging.

9. (Currently Amended) A system for conference messaging, comprising:

a server configured to:

obtain information associated with a conference that is in progress~~, wherein the information includes a duration that a participant has been in the conference~~; and

transmit a graphical output associated with the conference that is in progress, wherein the graphical output is based on the information and comprises an expandable panel configured to display additional conference information; and

a client device configured to display the graphical output on a display of the client device;

prior to the client device joining the conference, the server configured to:

receive a message from the client device to initiate a communication with a participant device that is present in the conference; and

grant the client device access to an in-conference communication application associated with the conference based on the message to communicate with the participant device; and

prior to the client device joining the conference, the client device configured to:

communicate with the participant device via the in-conference communication application.

10. (Original) The system of claim 9, wherein the graphical output triggers a display of one or more predetermined messages.

11. (Currently Amended) The system of claim ~~10~~9, wherein the graphical output triggers a display of one or more predetermined messages, and wherein at least one of the one or more predetermined messages includes an estimated time of arrival (ETA) of a user of the client device when the user is in a vehicle or the client device is the vehicle.

12. (Currently Amended) The system of claim ~~11~~9, wherein the graphical output triggers a display of one or more predetermined messages, wherein at least one of the one or more predetermined messages includes an estimated time of arrival (ETA) of a user of the client device when the user is in a vehicle or the client device is the vehicle, and wherein the ETA is based on at least one of navigation data or traffic data.

13. (Original) The system of claim 9, the server configured to:

receive, via the in-conference communication application, a chat message from the client device for the participant device; and

update a topic of the conference based on the chat message.

14. (Original) The system of claim 9, wherein the in-conference communication application is a chat room configured for at least one of text messaging, audio messaging, or video messaging.

15. (Currently Amended) A non-transitory computer-readable storage device including program instructions that, when executed by a processor, cause the processor to perform operations, the operations comprising:

obtaining information associated with a conference that is in progress~~, wherein the information includes a duration that a participant has been in the conference~~;

transmitting a graphical output to display on a client device, the graphical output based on the information and comprising an expandable panel configured to display additional conference information;

prior to the client device joining the conference:

receiving a message from the client device to initiate a communication with a participant device that is present in the conference; and

granting the client device access to an in-conference communication application associated with the conference based on the message to communicate with the participant device.

16. (Original) The non-transitory computer-readable storage device of claim 15, wherein the program instructions, when executed by the processor, cause the processor to perform operations, the operations comprising:

receiving, via the in-conference communication application, a chat message from the client device for the participant device; and

updating a topic of the conference based on the chat message.

17. (Original) The non-transitory computer-readable storage device of claim 15, wherein the conference information includes at least one of a description, an agenda, a time, a location, or a participant identifier.

18. (Original) The non-transitory computer-readable storage device of claim 15, wherein the in-conference communication application is a chat room configured for at least one of text messaging, audio messaging, or video messaging.

19. (Original) The non-transitory computer-readable storage device of claim 15, wherein the graphical output triggers a display of one or more predetermined messages.

20. (Original) The non-transitory computer-readable storage device of claim 15, wherein the message is a response to the graphical output.

REMARKS

In response to the final Office Action dated September 23, 2022, Applicant amends claims 1, 3-4, 9, 11-12, and 15. No new matter is added. After entry of this Amendment, claims 1-20 are pending in the Application. Reconsideration of the Application as amended is respectfully requested in view of these remarks.

Applicant respectfully submits that this Amendment is suitable for entry after final rejection as it places all claims in condition for allowance, adds no new claims without canceling a finally rejected claim, and/or requires little or no new consideration. Alternatively, it places the Application in better condition for appeal.

Applicant respectfully submits this Amendment conforms to the requirements of the After Final Consideration Pilot Program 2.0 and therefore submits Form PTO/SB/434 concurrent with this Amendment. Applicant submits that this Amendment places the Application in condition for allowance.

Summary of Examiner Interview

Applicant thanks the Examiner for the telephone interview conducted on November 15, 2022. The attendees were Examiner Nazia Naoreen and the Applicant's representative, Neil C. Maskeri (Registration No. 61,591). During the interview, a proposed amendment was discussed with respect to the 35 U.S.C. § 103 rejection. An agreement was reached that the proposed amendment overcomes the cited references of record. The Examiner noted that an updated search would be required.

Rejections under 35 U.S.C. §103

Claims 1-4, 6-7, 9-12, 15, 17, and 19-20 are rejected under 35 U.S.C. § 103 as being unpatentable over U.S. Patent Application Publication No. 2015/0088572 to Mai et al. ("Mai") in view of U.S. Patent No. 8,589,487 to Reeves et al. ("Reeves").

Regarding claims 1, 9, and 15, an agreement was reached during the telephonic interview that the proposed amendment overcomes the cited references of record. Accordingly, the Applicant submits that claims 1, 9, and 15 are allowable over the cited references for at least these reasons.

Claims 5, 13, and 16 are rejected under 35 U.S.C. § 103 as being unpatentable over Mai, in view of Reeves, in view of U.S. Patent No. 11,144,887 to Wender et al. ("Wender"), and further in view of U.S. Patent Application Publication No. 2010/0153160 to Bezemer et al. ("Bezemer").

Regarding claims 5, 13, and 16, an agreement was reached during the telephonic interview that the proposed amendment overcomes the cited references of record. Accordingly, the Applicant submits that claims 5, 13, and 16 are allowable over the cited references for at least these reasons.

Claims 8, 14, and 18 are rejected under 35 U.S.C. § 103 as being unpatentable over Mai, in view of Reeves, and further in view of Wender.

Regarding claims 8, 14, and 18, an agreement was reached during the telephonic interview that the proposed amendment overcomes the cited references of record. Accordingly, the Applicant submits that claims 8, 14, and 18 are allowable over the cited references for at least these reasons.

Claims 2-8 are dependent upon claim 1. Claims 10-14 are dependent upon claim 9. Claims 16-20 are dependent upon claim 15. Applicant accordingly requests that the rejection of claims 1-20 under 35 U.S.C. § 103 be reconsidered and withdrawn.

Conclusion

It is submitted that this Amendment has antecedent basis in the application as originally filed, including the specification, claims and drawings, and that this Amendment does not add any new subject matter to the application. It is submitted that this Amendment places the application in suitable condition for allowance, notice of which is requested.

The Examiner is invited to contact the undersigned at the telephone number listed below if the Examiner believes an Examiner's amendment would expedite prosecution of the Application.

Respectfully submitted,

YOUNG BASILE
HANLON & MACFARLANE, P.C.

/Neil C. Maskeri/

Neil C. Maskeri
Registration No. 61,591
T: (248) 649-3333
F: (248) 649-3338

3001 West Big Beaver Road, Ste. 624
Troy, Michigan 48084-3107

Electronic Acknowledgement Receipt

EFS ID:	47054886
Application Number:	17472031
International Application Number:	
Confirmation Number:	4940
Title of Invention:	Messaging Conference Participants Prior To Joining A Conference
First Named Inventor/Applicant Name:	Nick Swerdlow
Customer Number:	177453
Filer:	Neil C. Maskeri/Jessica Tumblin
Filer Authorized By:	Neil C. Maskeri
Attorney Docket Number:	ZOOM-164-B
Receipt Date:	18-NOV-2022
Filing Date:	10-SEP-2021
Time Stamp:	14:52:47
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	After Final Consideration Program Request	Certification_and_Request_for_Consideration_Under_the_After_Final_Consideration.pdf	27016 cdd9ee1200f5ed13cc95e9a309de804d3b89af3a	no	1

Warnings:

Information:					
2		ZOOM164B_Amd_20220923.pdf	56257 9bfb582a96b4c9825c5c77be29aab1b8948fdcee	yes	9

	Multipart Description/PDF files in .zip description		
	Document Description	**Start**	**End**
	Response After Final Action	1	1
	Claims	2	6
	Applicant Arguments/Remarks Made in an Amendment	7	9

Warnings:	
Information:	
Total Files Size (in bytes):	83273

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
17/472,031	09/10/2021	Nick Swerdlow	ZOOM-164-B	4940

177453 7590 11/18/2022

Zoom Video Communications, Inc. at Young Basile
3001 West Big Beaver Rd., Ste. 624
Troy, MI 48084

EXAMINER	
NAOREEN, NAZIA	

ART UNIT	PAPER NUMBER
2458	

NOTIFICATION DATE	DELIVERY MODE
11/18/2022	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

docketing@youngbasile.com

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 246 of 439

Applicant-Initiated Interview Summary	**Application No.** 17/472,031	**Applicant(s)** Swerdlow, Nick		
	Examiner NAZIA NAOREEN	**Art Unit** 2458	**AIA (First Inventor to File) Status** Yes	**Page** 1 of 1

All Participants (applicant, applicants representative, PTO personnel)	**Title**	**Type**
NAZIA NAOREEN	Examiner	Telephonic
NEIL C. MASKERI	Attorney	

Date of Interview: 15 November 2022

Issues Discussed:

Proposed Amendment(s)

Applicant proposed amendments to try to overcome the current prior art rejection. Examiner suggested further amendments to help forward prosecution.

/NAZIA NAOREEN/ Examiner, Art Unit 2458	

Applicant is reminded that a complete written statement as to the substance of the interview must be made of record in the application file. It is the applicants responsibility to provide the written statement, unless the interview was initiated by the Examiner and the Examiner has indicated that a written summary will be provided. See MPEP 713.04
Please further see:
MPEP 713.04
Title 37 Code of Federal Regulations (CFR) § 1.133 Interviews, paragraph (b)
37 CFR § 1.2 Business to be transacted in writing

Applicant recordation instructions: The formal written reply to the last Office action must include the substance of the interview. (See MPEP section 713.04). If a reply to the last Office action has already been filed, applicant is given a non-extendable period of the longer of one month or thirty days from this interview date, or the mailing date of this interview summary form, whichever is later, to file a statement of the substance of the interview.

Examiner recordation instructions: Examiners must summarize the substance of any interview of record. A complete and proper recordation of the substance of an interview should include the items listed in MPEP 713.04 for complete and proper recordation including the identification of the general thrust of each argument or issue discussed, a general indication of any other pertinent matters discussed regarding patentability and the general results or outcome of the interview, to include an indication as to whether or not agreement was reached on the issues raised.

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 247 of 439

PTO/SB/06 (09-11)
Approved for use through 1/31/2014. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875	Application or Docket Number 17/472,031	Filing Date 09/10/2021	☐ To be Mailed

ENTITY: ☑ LARGE ☐ SMALL ☐ MICRO

APPLICATION AS FILED - PART I

FOR	(Column 1) NUMBER FILED	(Column 2) NUMBER EXTRA		RATE ($)	FEE ($)
☐ BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A		N/A	
☐ SEARCH FEE (37 CFR 1.16(k), (i), or (m))	N/A	N/A		N/A	
☐ EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A		N/A	
TOTAL CLAIMS (37 CFR 1.16(i))	minus 20 =	*		x $100 =	
INDEPENDENT CLAIMS (37 CFR 1.16(h))	minus 3 =	*		x $480 =	
☐ APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is $310 ($155 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).				
☐ MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))					
* If the difference in column 1 is less than zero, enter "0" in column 2.				TOTAL	

APPLICATION AS AMENDED - PART II

		(Column 1)		(Column 2)	(Column 3)			
AMENDMENT	11/18/2022	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA		RATE ($)	ADDITIONAL FEE ($)
	Total (37 CFR 1.16(i))	* 20	Minus	** 20	= 0		x $100 =	0
	Independent (37 CFR 1.16(h))	* 3	Minus	*** 3	= 0		x $480 =	0
	☐ Application Size Fee (37 CFR 1.16(s))							
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							
							TOTAL ADD'L FEE	0

		(Column 1)		(Column 2)	(Column 3)			
AMENDMENT		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA		RATE ($)	ADDITIONAL FEE ($)
	Total (37 CFR 1.16(i))	*	Minus	**	=		x $0 =	
	Independent (37 CFR 1.16(h))	*	Minus	***	=		x $0 =	
	☐ Application Size Fee (37 CFR 1.16(s))							
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							
							TOTAL ADD'L FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.	LIE
** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".	/TARA A WASHINGTON/
*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".	
The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.	

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PTO/SB/08a (01-22)
Approved for use through 05/31/2024. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Not for submission under 37 CFR 1.99)

Application Number	17472031
Filing Date	2021-09-10
First Named Inventor	Nick Swerdlow
Art Unit	2458
Examiner Name	N. Naoreen
Attorney Docket Number	ZOOM-164-B

U.S.PATENTS Remove

Examiner Initial*	Cite No	Patent Number	Kind Code[1]	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1					

If you wish to add additional U.S. Patent citation information please click the Add button. Add

U.S.PATENT APPLICATION PUBLICATIONS Remove

Examiner Initial*	Cite No	Publication Number	Kind Code[1]	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	20220141044		2022-05-05	Burpee	

If you wish to add additional U.S. Published Application citation information please click the Add button. Add

FOREIGN PATENT DOCUMENTS Remove

Examiner Initial*	Cite No	Foreign Document Number[3]	Country Code[2] i	Kind Code[4]	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	T[5]
	1							

If you wish to add additional Foreign Patent Document citation information please click the Add button Add

NON-PATENT LITERATURE DOCUMENTS Remove

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T[5]

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17472031
	Filing Date	2021-09-10
	First Named Inventor	Nick Swerdlow
	Art Unit	2458
	Examiner Name	N. Naoreen
	Attorney Docket Number	ZOOM-164-B

	1	

If you wish to add additional non-patent literature document citation information please click the Add button Add

EXAMINER SIGNATURE

Examiner Signature		Date Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

[1] See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. [2] Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). [3] For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. [4] Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. [5] Applicant is to place a check mark here if English language translation is attached.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17472031
	Filing Date	2021-09-10
	First Named Inventor	Nick Swerdlow
	Art Unit	2458
	Examiner Name	N. Naoreen
	Attorney Docket Number	ZOOM-164-B

CERTIFICATION STATEMENT

Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

OR

☒ That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

See attached certification statement.

The fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

A certification statement is not submitted herewith.

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/Neil C. Maskeri/	Date (YYYY-MM-DD)	2022-10-19
Name/Print	Neil C. Maskeri	Registration Number	61,591

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 hour to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these record s.

2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.

3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.

4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).

5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.

6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).

7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.

8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.

9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Electronic Acknowledgement Receipt

EFS ID:	46851387
Application Number:	17472031
International Application Number:	
Confirmation Number:	4940
Title of Invention:	Messaging Conference Participants Prior To Joining A Conference
First Named Inventor/Applicant Name:	Nick Swerdlow
Customer Number:	177453
Filer:	Neil C. Maskeri/Jessica Tumblin
Filer Authorized By:	Neil C. Maskeri
Attorney Docket Number:	ZOOM-164-B
Receipt Date:	19-OCT-2022
Filing Date:	10-SEP-2021
Time Stamp:	15:31:31
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Information Disclosure Statement (IDS) Form (SB08)	ZOOM164B_Information_Disclosure_Statement_Fillable_PDF_20221019.pdf	1263084 d20e747ba2567b618594267f80067402c66300b7	no	4

Warnings:

Information:	
Total Files Size (in bytes):	1263084

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

UNITED STATES PATENT AND TRADEMARK OFFICE
COMMISSIONER FOR PATENTS
P.O.BOX 1450
ALEXANDRIA VA 22313-1451

PRESORTED
FIRST-CLASS MAIL
U.S. POSTAGE PAID
POSTEDIGITAL
NNNNN

Zoom Video Communications, Inc. at Young Basile
3001 West Big Beaver Rd., Ste. 624
Troy, MI 48084

Courtesy Reminder for
Application Serial No: 17/472,031

Attorney Docket No: ZOOM-164-B
Customer Number: 177453
Date of Electronic Notification: 09/23/2022

This is a courtesy reminder that new correspondence is available for this application. If you have not done so already, please review the correspondence. The official date of notification of the outgoing correspondence will be indicated on the form PTOL-90 accompanying the correspondence.

An email notification regarding the correspondence was sent to the following email address(es) associated with your customer number:
docketing@youngbasile.com

To view your correspondence online or update your email addresses, please visit us anytime at **https://ppair-my.uspto.gov/pair/PrivatePair.**
If you have any questions, please email the Electronic Business Center (EBC) at EBC@uspto.gov or call 1-866-217-9197.

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
17/472,031	09/10/2021	Nick Swerdlow	ZOOM-164-B	4940

177453 7590 09/23/2022

Zoom Video Communications, Inc. at Young Basile
3001 West Big Beaver Rd., Ste. 624
Troy, MI 48084

EXAMINER	
NAOREEN, NAZIA	

ART UNIT	PAPER NUMBER
2458	

NOTIFICATION DATE	DELIVERY MODE
09/23/2022	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

docketing@youngbasile.com

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 256 of 439

Office Action Summary	Application No. 17/472,031	Applicant(s) Swerdlow, Nick	
	Examiner NAZIA NAOREEN	Art Unit 2458	AIA (FITF) Status Yes

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTHS FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☑ Responsive to communication(s) filed on 06/29/2022.

☐ A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on _____.

2a)☑ This action is **FINAL.** 2b) ☐ This action is non-final.

3)☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on _____; the restriction requirement and election have been incorporated into this action.

4)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims*

5) ☑ Claim(s) 1-20 is/are pending in the application.

5a) Of the above claim(s) _____ is/are withdrawn from consideration.

6) ☐ Claim(s) _____ is/are allowed.

7) ☑ Claim(s) 1-20 is/are rejected.

8) ☐ Claim(s) _____ is/are objected to.

9) ☐ Claim(s) _____ are subject to restriction and/or election requirement

* If any claims have been determined allowable, you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see http://www.uspto.gov/patents/init_events/pph/index.jsp or send an inquiry to **PPHfeedback@uspto.gov.**

Application Papers

10)☐ The specification is objected to by the Examiner.

11)☐ The drawing(s) filed on _____ is/are: a)☐ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

Certified copies:

a)☐ All b)☐ Some** c)☐ None of the:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

** See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☑ Notice of References Cited (PTO-892)

2) ☑ Information Disclosure Statement(s) (PTO/SB/08a and/or PTO/SB/08b) Paper No(s)/Mail Date 04/06/2022.

3) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date _____.

4) ☐ Other: _____.

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 257 of 439

DETAILED ACTION

Status of Claims:

1. Claims 1 – 20 are pending.

2. Claims 1, 9, and 15 are amended. This rejection is **FINAL.**

Notice of Pre-AIA or AIA Status

3. The present application, filed on or after March 16, 2013, is being examined under the first inventor to file provisions of the AIA.

Information Disclosure Statement

4. The information disclosure statement (IDS) was submitted on 04/06/2022. The submission is in compliance with the provisions of 37 CFR 1.97. Accordingly, the information disclosure statement is being considered by the examiner.

Response to Arguments

5. Applicant's arguments in the amendments, filed 06/29/2022, have been fully considered and they are persuasive. A new ground of rejection is presented based on the amendments.

Claim Rejections - 35 USC § 103

6. The following is a quotation of 35 U.S.C. 103 which forms the basis for all obviousness rejections set forth in this Office action:

> A patent for a claimed invention may not be obtained, notwithstanding that the claimed invention is not identically disclosed as set forth in section 102, if the differences between the claimed invention and the prior art are such that the claimed invention as a whole would have been obvious before the effective filing date of the claimed invention to a person having ordinary skill in the art to which the claimed invention pertains. Patentability shall not be negated by the manner in which the invention was made.

7. The factual inquiries for establishing a background for determining obviousness under 35 U.S.C. 103 are summarized as follows:

1. Determining the scope and contents of the prior art.

2. Ascertaining the differences between the prior art and the claims at issue.

3. Resolving the level of ordinary skill in the pertinent art.

4. Considering objective evidence present in the application indicating obviousness or nonobviousness.

8. Claim(s) 1 – 4, 6 – 7, 9 – 12, 15, 17, and 19 – 20 are rejected under 35 U.S.C. 103 as being unpatentable over Mai (US 20150088572) and in view of Reeves (US 8589487).

As per claim 1, Mai discloses a method for conference messaging, comprising:

obtaining information associated with a conference that is in progress **(The apparatus receives status information from a number of invitees (i.e., endpoints) associated with a meeting session** *(conference in progress)* **in a network environment. The status information may indicate whether the number of invitees has checked into the meeting session, See ¶37)**, …

transmitting, to a client device, a graphical output to display on the client device, the graphical output based on the information **(One or more embodiments provide a mobile client application** *(graphical output)* **that allows an invitee to check into a meeting to which they have been invited, See ¶16)**;

prior to the client device joining the conference **(Once the invitee has checked into the meeting, the invitee can then be displayed in the meeting's participant list with an indicator (icon, graphic, object, avatar, etc.) that they have not joined yet, but that they have checked in, See ¶16)**:

receiving a message from the client device to initiate a communication with a participant device that is present in the conference **(The invitee can also enter any free form text … The administrator or meeting organizer can also configure a list of predetermined (e.g., canned, preconfigured, etc.) messages, See ¶17)**; and

granting the client device access to an in-conference communication application associated with the conference in progress based on the message to communicate with the participant device **(A mobile client** *(in-conference communication application)* **may allow a meeting check in protocol** *(granting access)* **for invitees, along with setting an appropriate text status, See ¶18 … the apparatus may cause a meeting client program to provide a representation of the arrival information for the checked in invitee. In a specific**

embodiment, the meeting client may provide the representation to all of the invitees or only the host of the meeting session *(conference in progress)*, **¶38)**.

Mai however does not expressly disclose:

wherein the information includes a duration that a participant has been in the conference.

Reeves discloses:

…wherein the information includes a duration that a participant has been in the conference **(The status information may include … an indication of the length of time a certain participant has been connected to the multimedia conference call, See Col. 2, Lines 33 - 54)**;

It would have been obvious to an artisan of ordinary skill in the art before the Applicant's effective filing date of the claimed invention to combine Reeves' teaching of a duration that a participant has been in the conference, along with obtaining information associated with a conference that is in progress to improve Mai's system. Both Mai and Reeves disclose conferencing systems. Reeves' system includes an indication of the length of time a certain participant has been connected to the multimedia conference call. The combination is an improvement upon the existing system because information associated with a conference that is in progress can be obtained as taught by Mai, where the information can include a duration that a participant has been in the conference as taught by Reeves, to allow a user to communicate the user's status with the conference participants.

As per claim 2, the method of claim 1, wherein the graphical output triggers a display of one or more predetermined messages (Mai, **One or more embodiments provide a mobile client application** *(graphical output)* **that allows an invitee to check into a meeting to which they have been invited … The administrator or meeting organizer can also configure a list of predetermined (e.g., canned, preconfigured, etc.) messages. In one or more embodiments, the invitee checking in can then easily select any of those predetermined messages from a menu list, See ¶16 – 17** */ The checking in of the invitee on the mobile client application triggers the display of the predetermined messages*).

As per claim 3, the method of claim 2, wherein at least one of the one or more predetermined messages includes an estimated time of arrival (ETA) of a user of the client device when the user is in a vehicle or the client device is the vehicle **(**Mai, **The mobile client may also automatically calculate the invitee's ETA for the meeting. Once checked in, the invitee may be added to the meeting participant list and the text status, where the ETA is displayed next to the invitee's name, See ¶18)**.

As per claim 4, the method of claim 3, wherein the ETA is based on at least one of navigation data or traffic data **(**Mai, **For mobile clients, the invitee can also choose an estimated time of arrival option. When choosing the ETA option, the mobile endpoint calculates the ETA based on the invitee's current location, destination location, and rate of speed (e.g., which can be based on GPS technology, an accelerometer, etc.), See ¶17)**.

As per claim 6, the method of claim 1, wherein a user of the client device is a non-host of the conference and the participant is a host of the conference **(**Mai, **The term `arrival information` includes any information associated with an arrival time, an estimating arrival time, a projected arrival time, a scheduled arrival time, or an indicated arrival time (e.g., provided by the host, an invitee, etc.) for a meeting invitee, a meeting participant** *(non-host)***, etc., See ¶37)**.

As per claim 7, the method of claim 1, wherein the conference information includes at least one of a description, an agenda, a time, a location, or a participant identifier **(**Mai, **The apparatus receives status information from a number of invitees (i.e., endpoints) associated with a meeting session in a network environment. The status information may indicate whether the number of invitees has checked into the meeting session. Note that as used herein, the term `status information` includes any information associated with a meeting invitee, a meeting participant, etc., See ¶37)**.

As per claim 9, Mai discloses a system for conference messaging, comprising:

a server configured to:

obtain information associated with a conference that is in progress **(The apparatus receives status information from a number of invitees (i.e., endpoints) associated with a meeting session** *(conference in progress)* **in a network environment. The status information may indicate whether the number of invitees has checked into the meeting session, See ¶37)**,

transmit a graphical output associated with the conference that is in progress **(One or more embodiments provide a mobile client application** *(graphical output)* **that allows an invitee to check into a meeting to which they have been invited, See ¶16)**; and

a client device configured to display the graphical output on a display of the client device **(One or more embodiments provide a mobile client application** *(graphical output)* **that allows an invitee to check into a meeting to which they have been invited, See ¶16)**;

prior to the client device joining the conference **(Once the invitee has checked into the meeting, the invitee can then be displayed in the meeting's participant list with an indicator (icon, graphic, object, avatar, etc.) that they have not joined yet, but that they have checked in, See ¶16)**, the server configured to:

receive a message from the client device to initiate a communication with a participant device that is present in the conference **(The invitee can also enter any free form text … The administrator or meeting organizer can also configure a list of predetermined (e.g., canned, preconfigured, etc.) messages, See ¶17)**; and

grant the client device access to an in-conference communication application associated with the conference based on the message to communicate with the participant device **(A mobile client** *(in-conference communication application)* **may allow a meeting check in protocol** *(granting access)* **for invitees, along with setting an appropriate text status, See ¶18)**; and

prior to the client device joining the conference, the client device configured to:

communicate with the participant device via the in-conference communication application **(The apparatus may cause a meeting client program to provide a representation of the arrival information for the checked in invitee. In a specific embodiment, the meeting client may provide the representation to all of the invitees or only the host** *(participant device)* **of the meeting session, ¶38)**.

Mai however does not expressly disclose:

wherein the information includes a duration that a participant has been in the conference.

Reeves discloses:

…wherein the information includes a duration that a participant has been in the conference **(The status information may include … an indication of the length of time a certain participant has been connected to the multimedia conference call, See Col. 2, Lines 33 - 54)**; and

It would have been obvious to an artisan of ordinary skill in the art before the Applicant's effective filing date of the claimed invention to combine Reeves' teaching of a duration that a participant has been in the conference, along with obtaining information associated with a conference that is in progress to improve Mai's system. Both Mai and Reeves disclose conferencing systems. Reeves' system includes an indication of the length of time a certain participant has been connected to the multimedia conference call. The combination is an improvement upon the existing system because information associated with a conference that is in progress can be obtained as taught by Mai, where the information can include a duration that a participant has been in the conference as taught by Reeves, to allow a user to communicate the user's status with the conference participants.

As per claim 10, the system of claim 9, wherein the graphical output triggers a display of one or more predetermined messages **(**Mai, **One or more embodiments provide a mobile client application** *(graphical output)* **that allows an invitee to check into a meeting to which they have been invited … The administrator or meeting organizer can also configure a list of predetermined (e.g., canned, preconfigured, etc.) messages. In one or more embodiments, the invitee checking in can then easily select any of those predetermined messages from a menu list, See ¶16 – 17** */ The checking in of the invitee on the mobile client application triggers the display of the predetermined messages***)**.

As per claim 11, the system of claim 10, wherein at least one of the one or more predetermined messages includes an estimated time of arrival (ETA) of a user of the client device when the user is in a vehicle or the client device is the vehicle **(**Mai, **The mobile client may also automatically calculate the invitee's ETA for the meeting. Once checked in, the invitee may be added to the meeting participant list and the text status, where the ETA is displayed next to the invitee's name, See ¶18)**.

As per claim 12, the system of claim 11, wherein the ETA is based on at least one of navigation data or traffic data **(For mobile clients, the invitee can also choose an estimated time of arrival option. When choosing the ETA option, the mobile endpoint calculates the ETA based on the invitee's current location, destination location, and rate of speed (e.g., which can be based on GPS technology, an accelerometer, etc.), See ¶17)**.

As per claim 15, a non-transitory computer-readable storage device including program instructions that, when executed by a processor, cause the processor to perform operations, the operations comprising:

obtaining information associated with a conference that is in progress **(The apparatus receives status information from a number of invitees (i.e., endpoints) associated with a meeting session** *(conference in progress)* **in a network environment. The status information may indicate whether the number of invitees has checked into the meeting session, See ¶37)**,

transmitting a graphical output to display on a client device, the graphical output based on the information **(One or more embodiments provide a mobile client application** *(graphical output)* **that allows an invitee to check into a meeting to which they have been invited, See ¶21)**;

prior to the client device joining the conference **(Once the invitee has checked into the meeting, the invitee can then be displayed in the meeting's participant list with an indicator (icon, graphic, object, avatar, etc.) that they have not joined yet, but that they have checked in, See ¶16)**:

receiving a message from the client device to initiate a communication with a participant device that is present in the conference **(The invitee can also enter any free form text … The**

administrator or meeting organizer can also configure a list of predetermined (e.g., canned, preconfigured, etc.) messages, See ¶17); and

granting the client device access to an in-conference communication application associated with the conference based on the message to communicate with the participant device **(A mobile client** *(in-conference communication application)* **may allow a meeting check in protocol** *(granting access)* **for invitees, along with setting an appropriate text status, See ¶18 … the apparatus may cause a meeting client program to provide a representation of the arrival information for the checked in invitee. In a specific embodiment, the meeting client may provide the representation to all of the invitees or only the host of the meeting session** *(conference in progress)***, ¶38)**.

Mai however does not expressly disclose:

wherein the information includes a duration that a participant has been in the conference.

Reeves discloses:

…wherein the information includes a duration that a participant has been in the conference **(The status information may include … an indication of the length of time a certain participant has been connected to the multimedia conference call, See Col. 2, Lines 33 - 54)**;

It would have been obvious to an artisan of ordinary skill in the art before the Applicant's effective filing date of the claimed invention to combine Reeves' teaching of a duration that a participant has been in the conference, along with obtaining information associated with a conference that is in progress to improve Mai's system. Both Mai and Reeves disclose conferencing systems. Reeves' system includes an indication of the length of time a certain participant has been connected to the multimedia conference call. The combination is an improvement upon the existing system because information associated with a conference that is in progress can be obtained as taught by Mai, where the information can include a duration that a participant has been in the conference as taught by Reeves, to allow a user to communicate the user's status with the conference participants.

As per claim 17, the non-transitory computer-readable storage device of claim 15, wherein the conference information includes at least one of a description, an agenda, a time, a location, or a participant identifier **(The apparatus receives status information from a number of invitees (i.e., endpoints) associated with a meeting session in a network environment. The status information may indicate whether the number of invitees has checked into the meeting session. Note that as used herein, the term `status information` includes any information associated with a meeting invitee, a meeting participant, etc., See ¶37)**.

As per claim 19, the non-transitory computer-readable storage device of claim 15, wherein the graphical output triggers a display of one or more predetermined messages **(One or more embodiments provide a mobile client application** *(graphical output)* **that allows an invitee to check into a meeting to which they have been invited … The administrator or meeting organizer can also configure a list of predetermined (e.g., canned, preconfigured, etc.) messages. In one or more embodiments, the invitee checking in can then easily select any of those predetermined messages from a menu list, See ¶16 – 17** */ The checking in of the invitee on the mobile client application triggers the display of the predetermined messages***)**.

As per claim 20, the non-transitory computer-readable storage device of claim 15, wherein the message is a response to the graphical output **(A mobile client may allow a meeting check in protocol** *(graphical output)* **for invitees, along with setting an appropriate text status** *(message in response to graphical output)***, See ¶18)**.

9. Claims 5, 13, and 16 are rejected under 35 U.S.C. 103 as being unpatentable over Mai (US 20150088572), in view of Reeves (US 8589487), in view of Wender (US 11144887), and further in view of Bezemer (US 20100153160).

As per claim 5, the combination of Mai and Reeves discloses all limitations of claim 1.

The combination of Mai and Reeves however does not expressly disclose:

receiving, via the in-conference communication application, a chat message from the client device for the participant device.

Wender discloses:

the method of claim 1, comprising:

receiving, via the in-conference communication application, a chat message from the client device for the participant device **(A chat session may be available, through which attendee users can send messages to one another … during the monitoring period, the monitoring application can enable a menu of quick messages that can be sent with one click or tap, for situations where a user needs to provide an update about the user's status (e.g., running late) and is not free to type a message, See Col. 29, Lines 52 - 63)**; and

It would have been obvious to an artisan of ordinary skill in the art before the Applicant's effective filing date of the claimed invention to combine Wender's teaching of a receiving a chat message from a client device and Reeves' teaching of a duration that a participant has been in the conference, along with granting the client device access to an in-conference communication application to communicate with the participant device to improve Mai's system. Mai, Reeves, and Wender all disclose conferencing systems. Wender's system includes a chat session through which the attendees of a conference can update a user's status. The combination is an improvement upon the existing system because a client device can be granted access to an in-conference communication application to communicate with the participant device as taught by Mai, where the communication application can include information such as a duration that a participant has been in the conference as taught by Reeves, where the communication can be further presented in a chat message as taught by Wender, to allow a user who has not yet joined a conference to communicate the user's status with the conference participants.

The combination of Mai, Reeves, and Wender does not expressly disclose:

updating a topic of the conference based on the chat message.

Bezemer discloses:

updating a topic of the conference based on the chat message **(The meeting scheduler supports sending instant meeting schedule updates to handheld devices. Moreover, it updates meeting scheduling information in real-time. For example, if a meeting participant P finds that he will be late or cannot attend a meeting, he can send a notification message from his handheld device to the meeting management system. If the time between the system receiving the notification message and the meeting starting is longer than a threshold (eg., 4 hours), the system reschedules the meeting and notifies all participants. If the time between the system receiving the notification message and the meeting starting is less than a threshold, or the meeting has started when the system receives the message, the system may reorganize the meeting agenda by moving the topics that the meeting participant P is involved with to a later time to allow the participant P to catch up with his topic. The system will notify all participants of the change of meeting schedule and/or agenda via email and/or message to participants' handheld devices, See ¶123)**.

It would have been obvious to an artisan of ordinary skill in the art before the Applicant's effective filing date of the claimed invention to combine Bezemer's teaching of updating a conference topic, Wender's teaching of a receiving a chat message from a client device, and Reeves' teaching of a duration that a participant has been in the conference, along with granting the client device access to an in-conference communication application to communicate with the participant device to improve Mai's system. Mai, Reeves, Wender, and Bezemer all disclose conferencing systems. Bezemer's system includes updating a meeting agenda by moving topics based on a notification mesage. The combination is an improvement upon the existing system because a client device can be granted access to an in-conference communication application to communicate with the participant device as taught by Mai, where the communication application can include information such as a duration that a participant has been in the conference as taught by Reeves, where the communication can be further presented in a chat

message as taught by Wender, to update a conference topic based on a notification message such as the chat message as taught by Bezemer, to allow a user who has not yet joined a conference to communicate the user's status with the conference participants.

As per claim 13, the system of claim 9, the server configured to:

receive, via the in-conference communication application, a chat message from the client device for the participant device (Wender, **A chat session may be available, through which attendee users can send messages to one another … during the monitoring period, the monitoring application can enable a menu of quick messages that can be sent with one click or tap, for situations where a user needs to provide an update about the user's status (e.g., running late) and is not free to type a message, See Col. 29, Lines 52 - 63)**; and

update a topic of the conference based on the chat message (Bezemer, **The meeting scheduler supports sending instant meeting schedule updates to handheld devices. Moreover, it updates meeting scheduling information in real-time. For example, if a meeting participant P finds that he will be late or cannot attend a meeting, he can send a notification message from his handheld device to the meeting management system. If the time between the system receiving the notification message and the meeting starting is longer than a threshold (eg., 4 hours), the system reschedules the meeting and notifies all participants. If the time between the system receiving the notification message and the meeting starting is less than a threshold, or the meeting has started when the system receives the message, the system may reorganize the meeting agenda by moving the topics that the meeting participant P is involved with to a later time to allow the participant P to catch up with his topic. The system will notify all participants of the change of meeting schedule and/or agenda via email and/or message to participants' handheld devices, See ¶123)**.

As per claim 16, the non-transitory computer-readable storage device of claim 15, wherein the program instructions, when executed by the processor, cause the processor to perform operations, the operations comprising:

receiving, via the in-conference communication application, a chat message from the client device for the participant device (Wender, **A chat session may be available, through which attendee users can send messages to one another … during the monitoring period, the monitoring application can enable a menu of quick messages that can be sent with one click or tap, for situations where a user needs to provide an update about the user's status (e.g., running late) and is not free to type a message, See Col. 29, Lines 52 - 63**); and

updating a topic of the conference based on the chat message (Bezemer, **The meeting scheduler supports sending instant meeting schedule updates to handheld devices. Moreover, it updates meeting scheduling information in real-time. For example, if a meeting participant P finds that he will be late or cannot attend a meeting, he can send a notification message from his handheld device to the meeting management system. If the time between the system receiving the notification message and the meeting starting is longer than a threshold (eg., 4 hours), the system reschedules the meeting and notifies all participants. If the time between the system receiving the notification message and the meeting starting is less than a threshold, or the meeting has started when the system receives the message, the system may reorganize the meeting agenda by moving the topics that the meeting participant P is involved with to a later time to allow the participant P to catch up with his topic. The system will notify all participants of the change of meeting schedule and/or agenda via email and/or message to participants' handheld devices, See ¶123)**.

10. Claims 8, 14, and 18 are rejected under 35 U.S.C. 103 as being unpatentable over Mai (US 20150088572), in view of Reeves (US 8589487), and further in view of Wender (US 11144887).

As per claim 8, Mai discloses all limitations of claim 1.

Mai however does not expressly disclose:

wherein the in-conference communication application is a chat room configured for at least one of text messaging, audio messaging, or video messaging.

Wender discloses:

the method of claim 1, wherein the in-conference communication application is a chat room configured for at least one of text messaging, audio messaging, or video messaging **(In some examples, a group chat can automatically be generated for each event. A group chat, which can also be referred to as a chat room, would allow users to share text messages, emojis, gifs, images, videos, or other electronic communications, among other examples, See Col. 26, Liners 1 - 9)**.

It would have been obvious to an artisan of ordinary skill in the art before the Applicant's effective filing date of the claimed invention to combine Wender's teaching of a chat room and Reeves' teaching of a duration that a participant has been in the conference, along with granting the client device access to an in-conference communication application to communicate with the participant device to improve Mai's system. Both Mai and Wender disclose conferencing systems. Wender's system includes a chat room associated with various electronic communications. The combination is an improvement upon the existing system because a client device can be granted access to an in-conference communication application to communicate with the participant device as taught by Mai, where the communication application can include information such as a duration that a participant has been in the conference as taught by Reeves. where the in-conference communication application can further include a chat room as taught by Wender, to allow a user who has not yet joined a conference to communicate the user's status with the conference participants.

As per claim 14, the system of claim 9, wherein the in-conference communication application is a chat room configured for at least one of text messaging, audio messaging, or video messaging **(**Wender, **In some examples, a group chat can automatically be generated for each event. A group chat, which can also be referred to as a chat room, would allow users to share text messages, emojis, gifs, images, videos, or other electronic communications, among other examples, See Col. 26, Liners 1 - 9)**.

As per claim 18, the non-transitory computer-readable storage device of claim 15. wherein the in-conference communication application is a chat room configured for at least one of text messaging, audio messaging, or video messaging **(**Wender, **In some examples, a group chat can automatically be generated for each event. A group chat, which can also be referred to as a chat room, would allow users to share text messages, emojis, gifs, images, videos, or other electronic communications, among other examples, See Col. 26, Liners 1 - 9)**.

Conclusion

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to NAZIA NAOREEN whose telephone number is (571)270-7282. The examiner can normally be reached M-F: 9:00 - 6:00.

Examiner interviews are available via telephone, in-person, and video conferencing using a USPTO supplied web-based collaboration tool. To schedule an interview, applicant is encouraged to use the USPTO Automated Interview Request (AIR) at http://www.uspto.gov/interviewpractice.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kevin Bates can be reached on 571-272-3980. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of published or unpublished applications may be obtained from Patent Center. Unpublished application information in Patent Center is available to registered users. To file and manage patent submissions in Patent Center, visit: https://patentcenter.uspto.gov. Visit https://www.uspto.gov/patents/apply/patent-center for more information about Patent Center and https://www.uspto.gov/patents/docx for information about filing in DOCX format. For additional questions, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/NAZIA NAOREEN/
Examiner, Art Unit 2458

/KEVIN T BATES/
Supervisory Patent Examiner, Art Unit 2458

Notice of References Cited	Application/Control No. 17/472,031	Applicant(s)/Patent Under Reexamination Swerdlow, Nick	
	Examiner NAZIA NAOREEN	Art Unit 2458	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	CPC Classification	US Classification
*	A	US-8589487-B1	11-2013	Reeves; Raymond Emilio	H04L65/403	709/204
	B					
	C					
	D					
	E					
	F					
	G					
	H					
	I					
	J					
	K					
	L					
	M					

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	CPC Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 274 of 439

Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
	17/472,031	Swerdlow, Nick
	Examiner	Art Unit
	NAZIA NAOREEN	2458

CPC - Searched*		
Symbol	**Date**	**Examiner**
H04L12/1818	03/26/2022	NN
H04L12/1822	03/26/2022	NN
H04L51/046	03/26/2022	NN
Updated Search	09/13/2022	NN

CPC Combination Sets - Searched*		
Symbol	**Date**	**Examiner**

US Classification - Searched*			
Class	**Subclass**	**Date**	**Examiner**

* See search history printout included with this form or the SEARCH NOTES box below to determine the scope of the search.

Search Notes		
Search Notes	**Date**	**Examiner**
Inventor and Assignee	03/26/2022	NN
PE2ESEARCH (US-PGPUB, USPAT, USOCR, FIT, FPRS, EPO, JPO, DERWENT, IBM TDB)	03/26/2022	NN
Classification and Double Patenting	03/26/2022	NN
IP.com search, Google Scholar search	03/26/2022	NN
Updated Search, IP.com search, Google Scholar search	09/13/2022	NN

/NAZIA NAOREEN/ Examiner, Art Unit 2458	

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 275 of 439

Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
	17/472,031	Swerdlow, Nick
	Examiner	Art Unit
	NAZIA NAOREEN	2458

Interference Search			
US Class/CPC Symbol	US Subclass/CPC Group	Date	Examiner

/NAZIA NAOREEN/ Examiner, Art Unit 2458	

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 276 of 439

Index of Claims	Application/Control No.	Applicant(s)/Patent Under Reexamination
	17/472,031	Swerdlow, Nick
	Examiner	Art Unit
	NAZIA NAOREEN	2458

✓	Rejected	-	Cancelled	N	Non-Elected	A	Appeal
=	Allowed	÷	Restricted	I	Interference	O	Objected

CLAIMS

☐ Claims renumbered in the same order as presented by applicant ☐ CPA ☐ T.D. ☐ R.1.47

CLAIM		DATE								
Final	Original	03/26/2022	09/13/2022							
	1	✓	✓							
	2	✓	✓							
	3	✓	✓							
	4	✓	✓							
	5	✓	✓							
	6	✓	✓							
	7	✓	✓							
	8	✓	✓							
	9	✓	✓							
	10	✓	✓							
	11	✓	✓							
	12	✓	✓							
	13	✓	✓							
	14	✓	✓							
	15	✓	✓							
	16	✓	✓							
	17	✓	✓							
	18	✓	✓							
	19	✓	✓							
	20	✓	✓							

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 277 of 439

Doc code: IDS
Doc description: Information Disclosure Statement (IDS) Filed

PTO/SB/08a (01-22)
Approved for use through 05/31/2024. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Not for submission under 37 CFR 1.99)

Application Number	17472031
Filing Date	2021-09-10
First Named Inventor	Nick Swerdlow
Art Unit	2458
Examiner Name	Nazia Naoreen
Attorney Docket Number	ZOOM-164-B

U.S.PATENTS Remove

Examiner Initial*	Cite No	Patent Number	Kind Code[1]	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	10554728	B2	2020-02-04	Reyes	
	2	9912777	B2	2018-03-06	Johar et al.	
	3	9699411	B2	2017-07-04	Nelson et al.	

If you wish to add additional U.S. Patent citation information please click the Add button. Add

U.S.PATENT APPLICATION PUBLICATIONS Remove

Examiner Initial*	Cite No	Publication Number	Kind Code[1]	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	20120150577	A1	2012-06-14	Berg et al.	

If you wish to add additional U.S. Published Application citation information please click the Add button. Add

FOREIGN PATENT DOCUMENTS Remove

Examiner Initial*	Cite No	Foreign Document Number[3]	Country Code[2] i	Kind Code[4]	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	T[5]
	1							

ALL REFERENCES CONSIDERED EXCEPT WHERE [illegible]

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 278 of 439

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Not for submission under 37 CFR 1.99)

Application Number	17472031
Filing Date	2021-09-10
First Named Inventor	Nick Swerdlow
Art Unit	2458
Examiner Name	Nazia Naoreen
Attorney Docket Number	ZOOM-164-B

If you wish to add additional Foreign Patent Document citation information please click the Add button [Add]

NON-PATENT LITERATURE DOCUMENTS [Remove]

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T[5]
	1		

If you wish to add additional non-patent literature document citation information please click the Add button [Add]

EXAMINER SIGNATURE

Examiner Signature	/NAZIA NAOREEN/	Date Considered	09/13/2022

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

[1] See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. [2] Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). [3] For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. [4] Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. [5] Applicant is to place a check mark here if English language translation is attached.

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 279 of 439

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /N.N./

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Not for submission under 37 CFR 1.99)

Application Number	17472031
Filing Date	2021-09-10
First Named Inventor	Nick Swerdlow
Art Unit	2458
Examiner Name	Nazia Naoreen
Attorney Docket Number	ZOOM-164-B

CERTIFICATION STATEMENT

Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

OR

☒ That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

☒ See attached certification statement.

The fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

A certification statement is not submitted herewith.

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/Neil C. Maskeri/	Date (YYYY-MM-DD)	2022-04-06
Name/Print	Neil C. Maskeri	Registration Number	61,591

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 hour to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 280 of 439

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these record s.

2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.

3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.

4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).

5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.

6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).

7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.

8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.

9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 281 of 439

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /A.W./

Web Search History

date, time	web site	search string
9/19/2022 6:49:41 PM	Google Scholar	duration that a participant has been in a conference
9/19/2022 6:56:52 PM	Google Scholar	amount of time a participant has attended a conference
9/19/2022 7:02:40 PM	Google Scholar	length of time and participant and conference and status
9/19/2022 7:13:43 PM	Google Scholar	in conference communication application and eta and chat message
9/19/2022 7:21:53 PM	Google Scholar	prior to joining a conference and predetermined messages

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 282 of 439

Search History

Report Run Date: 2022-09-19 UTC
Searches: 5
Markers: 0

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 283 of 439

Search #	Timestamp	Results	Page
1	2022-09-19 22:49 UTC	419,637	3
2	2022-09-19 22:56 UTC	78,848	4
3	2022-09-19 23:02 UTC	419,637	4
4	2022-09-19 23:13 UTC	14,991,859	4
5	2022-09-19 23:21 UTC	816,735	4

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 284 of 439

Content: Patents + NPL (190)

US Patents | US Designs | US Applications | EPO Patents | EPO Applications | China Patents | China Applications | Japan Patents | Japan Applications | Korea Patents | Korea Applications | WIPO Applications | Argentina Patents | Argentina Applications | Brazil Patents | Brazil Applications | Canada Patents | Canada Applications | Chile Patents | Chile Applications | Colombia Applications | Costa Rica Applications | Cuba Patents | Cuba Applications | Dominican Republic Applications | Ecuador Patents | Ecuador Applications | El Salvador Applications | Guatemala Applications | Honduras Applications | Mexico Patents | Mexico Applications | Nicaragua Patents | Panama Applications | Peru Applications | Trinidad & Tobago Patents | Uruguay Applications | Austria Patents | Austria Applications | Belarus Patents | Belgium Patents | Belgium Applications | Bosnia & Herzegovina Patents | Bosnia & Herzegovina Applications | Bulgaria Patents | Bulgaria Applications | Croatia Patents | Croatia Applications | Czech Republic Patents | Czech Republic Applications | Czechoslovakia Patents | Czechoslovakia Applications | Denmark Patents | Denmark Applications | Estonia Patents | Estonia Applications | EUIPO Patents | Finland Patents | Finland Applications | France Patents | France Applications | Germany Patents | Germany Applications | Great Britain Patents | Great Britain Applications | Greece Patents | Greece Applications | Hungary Patents | Hungary Applications | Iceland Patents | Iceland Applications | Ireland Patents | Ireland Applications | Italy Patents | Italy Applications | Latvia Patents | Latvia Applications | Lithuania Patents | Lithuania Applications | Luxembourg Patents | Malta Patents | Monaco Patents | Montenegro Patents | Montenegro Applications | Netherlands Patents | Netherlands Applications | Norway Patents | Norway Applications | Poland Patents | Poland Applications | Portugal Patents | Portugal Applications | Republic of Moldova Patents | Republic of Moldova Applications | Romania Patents | Romania Applications | San Marino Patents | San Marino Applications | Serbia Patents | Serbia Applications | Slovakia Patents | Slovakia Applications | Slovenia Patents | Spain Patents | Spain Applications | Sweden Patents | Sweden Applications | Switzerland Patents | Switzerland Applications | Ukraine Patents | Yugoslavia/Serbia and Montenegro Patents | Yugoslavia/Serbia and Montenegro Applications | Armenia Patents | Australia Patents | Australia Applications | Cyprus Patents | Gulf Cooperation Council Patents | Hong Kong Patents | India Patents | India Applications | Indonesia Patents | Indonesia Applications | Israel Applications | Jordan Patents | Jordan Applications | Kyrgyzstan Patents | Macao Applications | Malaysia Patents | Mongolia Patents | New Zealand Patents | Philippines Patents | Philippines Applications | Saudi Arabia Patents | Saudi Arabia Applications | Singapore Patents | Singapore Applications | Taiwan Patents | Taiwan Applications | Tajikistan Patents | Tajikistan Applications | Thailand Patents | Thailand Applications | Uzbekistan Patents | Vietnam Patents | Algeria Patents | ARIPO Patents | ARIPO Applications | Egypt Patents | Kenya Patents | Malawi Patents | Morocco Patents | Morocco Applications | OAPI Patents | South Africa Patents | Tunisia Applications | Zambia Patents | Zimbabwe Patents | EAPO Patents | EAPO Applications | Georgia Patents | Georgia Applications | Kazakhstan Patents | Kazakhstan Applications | Russia Patents | Russia Applications | Turkey Patents | Turkey Applications | IEEE Xplore Publications: IEEE Periodicals | IEEE Xplore Publications: IEEE Conferences | IEEE Xplore Publications: IEEE Standards | IEEE Xplore Publications: IEEE Early Access | IEEE Xplore Publications: SMPTE Periodicals | IEEE Xplore Publications: SMPTE Conferences | IEEE Xplore Publications: SMPTE Standards | IEEE Xplore Publications: MIT Press eBooks | IEEE Xplore Publications: Wiley-IEEE eBooks | IEEE Xplore Publications: IBM Periodicals | IEEE Xplore Publications: URSI Periodicals | IEEE Xplore Publications: VDE Conferences | IEEE Xplore Publications: Periodicals from China | IP.com Prior Art Database: The IP.com Journal | IP.com Prior Art Database: Internet Society RFC | IP.com Prior Art Database: IBM TDB Archive | IP.com Prior Art Database: Legacy Journals | IP.com Prior Art Database: Software Patent Institute | OnePetro.org: Periodicals at OnePetro.org | OnePetro.org: Conferences at OnePetro.org | Other Literature: IBM Redbooks | Other Literature: PubMed Central | Other Literature: arXiv.org

1 **2022-09-19 22:49 UTC | 419,637 results from**

De-Dup: None | **Cut-off:** None | **Sort:** Relevance

Main Concept: Text
duration that a participant has been in a conference

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 285 of 439

Concept Modifiers: None

Filters: None

2 **2022-09-19 22:56 UTC | 78,848 results from**

De-Dup: None | **Cut-off:** None | **Sort:** Relevance

Main Concept: Text
amount of time a participant has attended a conference

Concept Modifiers: None

Filters: None

3 **2022-09-19 23:02 UTC | 419,637 results from**

De-Dup: None | **Cut-off:** None | **Sort:** Relevance

Main Concept: Text
length of time and participant and conference and status

Concept Modifiers: None

Filters: None

4 **2022-09-19 23:13 UTC | 14,991,859 results from**

De-Dup: None | **Cut-off:** None | **Sort:** Relevance

Main Concept: Text
in conference communication application and eta and chat message

Concept Modifiers: None

Filters: None

5 **2022-09-19 23:21 UTC | 816,735 results from**

De-Dup: None | **Cut-off:** None | **Sort:** Relevance

Main Concept: Text
prior to joining a conference and predetermined messages

Concept Modifiers: None

Filters: None

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 286 of 439

PE2E SEARCH - Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	British Equivalents	Time Stamp
L50	1396	duration near5 participant near5 (conference OR meeting)	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2022/09/12 04:07 PM
L51	415	duration near5 participant near5 (conference OR meeting) AND (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2022/09/12 04:07 PM
L52	76	(duration OR time) near5 been near5 participant near5 (conference OR meeting) AND (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2022/09/12 04:09 PM
L53	604	(duration OR time) near5 attend$4 near5 participant near5 (conference OR	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU,	ADJ	ON	ON	2022/09/12 04:16 PM

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 287 of 439

		meeting)	CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L54	24	(duration OR time) near5 has near5 attend$4 near5 participant near5 (conference OR meeting)	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2022/09/12 04:16 PM
L55	140	(duration OR time) near5 has been near5 participant near5 (conference OR meeting)	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2022/09/12 04:17 PM
L56	0	(duration OR time) near5 has been near5 attending near5 participant near5 (conference OR meeting)	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN,	ADJ	ON	ON	2022/09/12 04:20 PM

			WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L57	121	(duration OR time) near5 attending near5 participant near5 (conference OR meeting)	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2022/09/12 04:20 PM
L58	30	("20030189601"|"20070239827"|"20110107228"|"6853398"|"7603412"|"9165290").PN.	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2022/09/13 11:46 AM
L59	0	conference AND vehicle AND late AND eta AND prewritten message	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2022/09/13 11:46 AM
L60	0	conference AND vehicle AND late AND eta AND prewritten	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB,	ADJ	ON	ON	2022/09/13 11:46 AM

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 289 of 439

			HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L61	0	conference AND vehicle AND eta AND prewritten	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2022/09/13 11:46 AM
L62	0	conference AND late AND eta AND prewritten	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2022/09/13 11:46 AM
L63	188	conference AND prewritten	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT;	ADJ	ON	ON	2022/09/13 11:46 AM

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 290 of 439

			IBM_TDB)				
L64	3	conference AND prewritten AND eta	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2022/09/13 11:46 AM
L65	2107	conference AND vehicle AND late AND eta	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2022/09/13 11:46 AM
L66	8	conference AND vehicle AND late near5 message AND eta	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2022/09/13 11:46 AM
L67	177	(H04L12/1818 AND H04L12/1822 AND H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV,	ADJ	ON	ON	2022/09/13 11:46 AM

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 291 of 439

			MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L68	0	vehicle AND eta AND (H04L12/1818 AND H04L12/1822 AND H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2022/09/13 11:46 AM
L69	0	eta AND (H04L12/1818 AND H04L12/1822 AND H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2022/09/13 11:46 AM
L70	8	late AND (H04L12/1818 AND H04L12/1822 AND H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2022/09/13 11:46 AM
L71	6	(prewritten OR	(US-PGPUB; USPAT;	ADJ	ON	ON	2022/09/13

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 292 of 439

		predetermined) NEAR messages AND (H04L12/1818 AND H04L12/1822 AND H04L51/046).cpc.	USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)				11:46 AM
L72	56	(vehicle OR automobile OR car) AND eta AND (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2022/09/13 11:46 AM
L73	0	(prewritten OR predetermined) NEAR messages (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2022/09/13 11:46 AM
L74	690	(prewritten OR predetermined) NEAR messages AND (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL,	ADJ	ON	ON	2022/09/13 11:46 AM

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 293 of 439

			PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L75	7	(prewritten OR predetermined) NEAR messages AND estimated time NEAR arrival AND (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2022/09/13 11:46 AM
L76	2	(prewritten OR predetermined) NEAR messages AND eta AND (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2022/09/13 11:46 AM
L77	74	(prewritten OR predetermined) NEAR messages AND eta AND conference	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2022/09/13 11:46 AM
L78	5088	(prewritten OR predetermined) NEAR messages AND	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY,	ADJ	ON	ON	2022/09/13 11:46 AM

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 294 of 439

		conference	CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L79	23	(prewritten OR predetermined) NEAR messages AND conference AND yet near5 join$3	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2022/09/13 11:46 AM
L80	1	(prewritten OR predetermined) NEAR messages AND conference AND yet near5 join$3 AND eta	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2022/09/13 11:46 AM
L81	34	(Artificial Intelligence) More like doc: US-20150088572-A1 Text: (US-8645464-B2 OR US-20120185534-A1 OR US-20140201275-A1 OR US-20150085707-A1 OR US-9300698-B2 OR US-9660824-B2 OR US-20150067545-A1	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK,	ADJ	ON	ON	2022/09/13 11:46 AM

		OR US-20150110259-A1 OR US-8165792-B2 OR US-20100198646-A1 OR US-20140365568-A1 OR US-20130096813-A1 OR US-20150111551-A1 OR US-20150112748-A1 OR US-20160112575-A1 OR US-9553994-B2 OR US-9628629-B1 OR US-9146115-B2 OR US-20140351327-A1 OR US-20150111550-A1).did.	TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L82	2	("20100198646").pn.	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2022/09/13 11:46 AM
L83	8	conference AND (yet AND prior) near5 join$3 AND chat message	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2022/09/13 11:46 AM
L84	0	conference AND yet near5 join$3 SAME chat message	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL,	ADJ	ON	ON	2022/09/13 11:46 AM

			NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L85	11	conference AND late SAME chat message	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2022/09/13 11:46 AM
L86	32	meeting AND late SAME chat message	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2022/09/13 11:46 AM
L87	0	meeting AND yet near5 join$3 SAME chat message	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2022/09/13 11:46 AM
L88	0	late SAME chat (H04L12/1818 OR	(US-PGPUB; USPAT; USOCR; FIT (AP, AT,	ADJ	ON	ON	2022/09/13 11:46 AM

		H04L12/1822 OR H04L51/046).cpc.	AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L89	182	late SAME chat AND (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2022/09/13 11:46 AM
L90	6	late SAME chat message AND (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2022/09/13 11:46 AM
L91	40	late SAME chat SAME message AND (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE,	ADJ	ON	ON	2022/09/13 11:46 AM

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 298 of 439

			SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L92	11	late SAME chat SAME message SAME (updat$3 OR topic OR agenda) AND (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2022/09/13 11:46 AM
L93	69	late SAME chat SAME message SAME (updat$3 OR topic OR agenda)	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2022/09/13 11:46 AM
L94	38	(conference OR meeting OR collaboration) AND late SAME chat SAME message SAME (updat$3 OR topic OR agenda)	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2022/09/13 11:46 AM
L95	10479	(conference OR meeting OR collaboration) AND late SAME (updat$3 OR	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU,	ADJ	ON	ON	2022/09/13 11:46 AM

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 299 of 439

		topic OR agenda)	CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L96	7	(conference OR meeting OR collaboration) AND late SAME updat$3 near5 (topic OR agenda)	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2022/09/13 11:46 AM
L97	0	late SAME updat$3 near5 (topic OR agenda) AND (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2022/09/13 11:46 AM
L98	435	late SAME updat$3 AND (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN,	ADJ	ON	ON	2022/09/13 11:46 AM

			WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L99	66	late SAME (topic OR agenda) AND (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2022/09/13 11:46 AM
L100	1135	late SAME (topic OR agenda) AND (conference OR meeting)	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2022/09/13 11:46 AM
L101	61	late SAME (delay$3 OR mov$3 OR resschedul$3 OR chang$3) near5 (topic OR agenda) AND (conference OR meeting)	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2022/09/13 11:46 AM
L102	0	((("SWERDLOW") near3 ("Nick"))).INV.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	ADJ	ON	ON	2022/09/13 11:46 AM
L103	45	((("ZOOM") near3 ("VIDEO") near3	(USPAT)	ADJ	ON	ON	2022/09/13 11:46 AM

		("COMMUNICATIONS") near3 ("INC")).AS,AANM.					

PE2E SEARCH - Search History (Interference)

There are no Interference searches to show.

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 302 of 439

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
17/472,031	09/10/2021	Nick Swerdlow	ZOOM-164-B	4940

177453 7590 06/30/2022

Zoom Video Communications, Inc. at Young Basile
3001 West Big Beaver Rd., Ste. 624
Troy, MI 48084

EXAMINER	
NAOREEN, NAZIA	

ART UNIT	PAPER NUMBER
2458	

NOTIFICATION DATE	DELIVERY MODE
06/30/2022	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

docketing@youngbasile.com

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 303 of 439

Applicant-Initiated Interview Summary	**Application No.** 17/472,031	**Applicant(s)** Swerdlow, Nick		
	Examiner NAZIA NAOREEN	**Art Unit** 2458	**AIA (First Inventor to File) Status** Yes	**Page** 1 of 1

All Participants (applicant, applicants representative, PTO personnel)	**Title**	**Type**
NAZIA NAOREEN	Examiner	Telephonic
NEIL C. MASAKERI	Attorney	

Date of Interview: 23 June 2022

Issues Discussed:

35 U.S.C. 102

Applicant discussed the prior art and how it applies to the claim language. Examiner explained why the prior art was cited. Further amendments were discussed.

Proposed Amendment(s)

Applicant proposed amendments to help overcome the prior art. Examiner agreed that further search may be required based on the proposed amendment.

/NAZIA NAOREEN/ Examiner, Art Unit 2458	

Applicant is reminded that a complete written statement as to the substance of the interview must be made of record in the application file. It is the applicants responsibility to provide the written statement, unless the interview was initiated by the Examiner and the Examiner has indicated that a written summary will be provided. See MPEP 713.04
Please further see:
MPEP 713.04
Title 37 Code of Federal Regulations (CFR) § 1.133 Interviews, paragraph (b)
37 CFR § 1.2 Business to be transacted in writing

Applicant recordation instructions: The formal written reply to the last Office action must include the substance of the interview. (See MPEP section 713.04). If a reply to the last Office action has already been filed, applicant is given a non-extendable period of the longer of one month or thirty days from this interview date, or the mailing date of this interview summary form, whichever is later, to file a statement of the substance of the interview.

Examiner recordation instructions: Examiners must summarize the substance of any interview of record. A complete and proper recordation of the substance of an interview should include the items listed in MPEP 713.04 for complete and proper recordation including the identification of the general thrust of each argument or issue discussed, a general indication of any other pertinent matters discussed regarding patentability and the general results or outcome of the interview, to include an indication as to whether or not agreement was reached on the issues raised.

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 304 of 439

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Zoom Video Communications, Inc.
First Named Inventor:	Nick Swerdlow
Serial Number:	17/472,031
Filing Date:	September 10, 2021
Examiner/Art Unit:	Nazia Naoreen / 2458 Conf. No. 4940
Title:	Messaging Conference Participants Prior to Joining a Conference

AMENDMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Commissioner:

In response to the Office Action dated April 1, 2022, please enter the remarks and amendments, if any, in the above-identified patent application as indicated below.

If any extensions of time are needed for timely acceptance of this reply and associated papers, Applicant hereby petitions for such extension under 37 C.F.R. §1.136 and authorizes payment from Deposit Account No. 25-0115. If any other fees must be paid in connection with this reply, Applicant authorizes payment from Deposit Account No. 25-0115.

☐ Amendments to the Abstract.

☐ Amendments to the Specification.

☒ Amendments to the Claims.

☐ Amendments to the Drawings.

Listing of the Claims:

1. (Currently Amended) A method for conference messaging, comprising:

obtaining information associated with a conference that is in progress, wherein the information includes a duration that a participant has been in the conference;

transmitting, to a client device, a graphical output to display on the client device, the graphical output based on the information;

prior to the client device joining the conference:

receiving a message from the client device to initiate a communication with a participant device that is present in the conference; and

granting the client device access to an in-conference communication application associated with the conference in progress based on the message to communicate with the participant device.

2. (Original) The method of claim 1, wherein the graphical output triggers a display of one or more predetermined messages.

3. (Original) The method of claim 2, wherein at least one of the one or more predetermined messages includes an estimated time of arrival (ETA) of a user of the client device when the user is in a vehicle or the client device is the vehicle.

4. (Original) The method of claim 3, wherein the ETA is based on at least one of navigation data or traffic data.

5. (Original) The method of claim 1, comprising:

receiving, via the in-conference communication application, a chat message from the client device for the participant device; and

updating a topic of the conference based on the chat message.

6. (Original) The method of claim 1, wherein a user of the client device is a non-host of the conference and the participant is a host of the conference.

7. (Original) The method of claim 1, wherein the conference information includes at least one of a description, an agenda, a time, a location, or a participant identifier.

8. (Original) The method of claim 1, wherein the in-conference communication application is a chat room configured for at least one of text messaging, audio messaging, or video messaging.

9. (Currently Amended) A system for conference messaging, comprising:

a server configured to:

obtain information associated with a conference that is in progress, wherein the information includes a duration that a participant has been in the conference; and

transmit a graphical output associated with the conference that is in progress; and

a client device configured to display the graphical output on a display of the client device;

prior to the client device joining the conference, the server configured to:

receive a message from the client device to initiate a communication with a participant device that is present in the conference; and

grant the client device access to an in-conference communication application associated with the conference based on the message to communicate with the participant device; and

prior to the client device joining the conference, the client device configured to:

communicate with the participant device via the in-conference communication application.

10. (Original) The system of claim 9, wherein the graphical output triggers a display of one or more predetermined messages.

11. (Original) The system of claim 10, wherein at least one of the one or more predetermined messages includes an estimated time of arrival (ETA) of a user of the client device when the user

is in a vehicle or the client device is the vehicle.

12. (Original) The system of claim 11, wherein the ETA is based on at least one of navigation data or traffic data.

13. (Original) The system of claim 9, the server configured to:

receive, via the in-conference communication application, a chat message from the client device for the participant device; and

update a topic of the conference based on the chat message.

14. (Original) The system of claim 9, wherein the in-conference communication application is a chat room configured for at least one of text messaging, audio messaging, or video messaging.

15. (Currently Amended) A non-transitory computer-readable storage device including program instructions that, when executed by a processor, cause the processor to perform operations, the operations comprising:

obtaining information associated with a conference that is in progress, wherein the information includes a duration that a participant has been in the conference;

transmitting a graphical output to display on a client device, the graphical output based on the information;

prior to the client device joining the conference:

receiving a message from the client device to initiate a communication with a participant device that is present in the conference; and

granting the client device access to an in-conference communication application associated with the conference based on the message to communicate with the participant device.

16. (Original) The non-transitory computer-readable storage device of claim 15, wherein the program instructions, when executed by the processor, cause the processor to perform operations, the operations comprising:

receiving, via the in-conference communication application, a chat message from the client device for the participant device; and

updating a topic of the conference based on the chat message.

17. (Original) The non-transitory computer-readable storage device of claim 15, wherein the conference information includes at least one of a description, an agenda, a time, a location, or a participant identifier.

18. (Original) The non-transitory computer-readable storage device of claim 15, wherein the in-conference communication application is a chat room configured for at least one of text messaging, audio messaging, or video messaging.

19. (Original) The non-transitory computer-readable storage device of claim 15, wherein the graphical output triggers a display of one or more predetermined messages.

20. (Original) The non-transitory computer-readable storage device of claim 15, wherein the message is a response to the graphical output.

REMARKS

In response to the Office Action dated April 1, 2022, Applicant amends claims 1, 9, and 15. No new matter is added. After entry of this Amendment, claims 1-20 are pending in the Application. Reconsideration of the Application as amended is respectfully requested in view of these remarks.

Summary of Examiner Interview

Applicant thanks the Examiner for the telephone interview conducted on June 23, 2022. The attendees were Examiner Nazia Naoreen and the Applicant's representative, Neil C. Maskeri (Registration No. 61,591). During the interview, a proposed amendment was discussed. An agreement was reached that the proposed amendment overcomes the cited references of record. An agreement with respect to patentability was not reached as the Examiner indicated that a further search is required.

Rejections under 35 U.S.C. §102

Claims 1-4, 6-7, 9-12, 15, 17, and 19-20 are rejected under 35 U.S.C. § 102 as being anticipated by U.S. Patent Application Publication No. 2015/0088572 to Mai et al. ("Mai").

Regarding claims 1, 9, and 15, an agreement was reached during the telephonic interview that Mai fails to disclose "wherein the information includes a duration that a participant has been in the conference," as claimed. Accordingly, the Applicant submits that claims 1, 9, and 15 are allowable over Mai for at least these reasons.

Claims 2-4 and 6-7 are directly or indirectly dependent upon claim 1. Claims 10-12 are directly or indirectly dependent upon claim 9. Claims 17 and 19-20 are dependent upon claim 15. Applicant accordingly requests that the rejection of claims 1-4, 6-7, 9-12, 15, 17, and 19-20 under 35 U.S.C. § 102 be reconsidered and withdrawn.

Rejections under 35 U.S.C. §103

Claims 5, 13, and 16 are rejected under 35 U.S.C. § 103 as being unpatentable over Mai in view of U.S. Patent No. 11,144,887 to Wender ("Wender"), and in further view of U.S. Patent Application Publication No. 2010/0153160 to Bezemer et al. ("Bezemer").

Wender, either alone or in combination with Bezemer, fails to overcome the deficiencies of Mai. Accordingly, the Applicant submits that claims 5, 13, and 16 are allowable over the cited references for at least the same reasons provided above.

Claims 8, 14, and 18 are rejected under 35 U.S.C. § 103 as being unpatentable over Mai in view of Wender.

Wender fails to overcome the deficiencies of Mai. Accordingly, the Applicant submits that claims 8, 14, and 18 are allowable over the cited references for at least the same reasons provided above.

Applicant accordingly requests that the rejection of claims 5, 8, 13-14, 16, and 18 under 35 U.S.C. § 103 be reconsidered and withdrawn.

Conclusion

It is submitted that this Amendment has antecedent basis in the application as originally filed, including the specification, claims and drawings, and that this Amendment does not add any new subject matter to the application. It is submitted that this Amendment places the application in suitable condition for allowance, notice of which is requested.

The Examiner is invited to contact the undersigned at the telephone number listed below if the Examiner believes an Examiner's amendment would expedite prosecution of the Application.

Respectfully submitted,

YOUNG BASILE
HANLON & MACFARLANE, P.C.

/Neil C. Maskeri/

Neil C. Maskeri
Registration No. 61,591
T: (248) 649-3333

F: (248) 649-3338

3001 West Big Beaver Road, Ste. 624
Troy, Michigan 48084-3107

Electronic Acknowledgement Receipt

EFS ID:	46071699
Application Number:	17472031
International Application Number:	
Confirmation Number:	4940
Title of Invention:	Messaging Conference Participants Prior To Joining A Conference
First Named Inventor/Applicant Name:	Nick Swerdlow
Customer Number:	177453
Filer:	Neil C. Maskeri/Jessica Tumblin
Filer Authorized By:	Neil C. Maskeri
Attorney Docket Number:	ZOOM-164-B
Receipt Date:	29-JUN-2022
Filing Date:	10-SEP-2021
Time Stamp:	13:46:03
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		ZOOM164B_Amd_20220401.pdf	57186 52c64eefbae736541f215e3862079a6af48d1be4	yes	8

	Multipart Description/PDF files in .zip description		
	Document Description	**Start**	**End**
	Amendment/Request for Reconsideration-After Non-Final Rejection	1	1
	Claims	2	5
	Applicant Arguments/Remarks Made in an Amendment	6	8
Warnings:			
Information:			
	Total Files Size (in bytes):	57186	

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

PTO/SB/06 (09-11)
Approved for use through 1/31/2014. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875	Application or Docket Number 17/472,031	Filing Date 09/10/2021	☐ To be Mailed

ENTITY: ☑ LARGE ☐ SMALL ☐ MICRO

APPLICATION AS FILED - PART I

FOR	(Column 1) NUMBER FILED	(Column 2) NUMBER EXTRA		RATE ($)	FEE ($)
☐ BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A		N/A	
☐ SEARCH FEE (37 CFR 1.16(k), (i), or (m))	N/A	N/A		N/A	
☐ EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A		N/A	
TOTAL CLAIMS (37 CFR 1.16(i))	minus 20 =	*		x $100 =	
INDEPENDENT CLAIMS (37 CFR 1.16(h))	minus 3 =	*		x $480 =	
☐ APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is $310 ($155 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).				
☐ MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))					
* If the difference in column 1 is less than zero, enter "0" in column 2.				TOTAL	

APPLICATION AS AMENDED - PART II

		(Column 1)		(Column 2)	(Column 3)			
AMENDMENT	06/29/2022	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA		RATE ($)	ADDITIONAL FEE ($)
	Total (37 CFR 1.16(i))	* 20	Minus	** 20	= 0		x $100 =	0
	Independent (37 CFR 1.16(h))	* 3	Minus	*** 3	= 0		x $480 =	0
	☐ Application Size Fee (37 CFR 1.16(s))							
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							
							TOTAL ADD'L FEE	0

		(Column 1)		(Column 2)	(Column 3)			
AMENDMENT		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA		RATE ($)	ADDITIONAL FEE ($)
	Total (37 CFR 1.16(i))	*	Minus	**	=		x $0 =	
	Independent (37 CFR 1.16(h))	*	Minus	***	=		x $0 =	
	☐ Application Size Fee (37 CFR 1.16(s))							
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							
							TOTAL ADD'L FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.	LIE
** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".	/ZURIASHWORK ZENEBE/
*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".	
The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.	

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

UNITED STATES PATENT AND TRADEMARK OFFICE
COMMISSIONER FOR PATENTS
P.O.BOX 1450
ALEXANDRIA VA 22313-1451

PRESORTED
FIRST-CLASS MAIL
U.S. POSTAGE PAID
POSTEDIGITAL
NNNNN

Zoom Video Communications, Inc. at Young Basile
3001 West Big Beaver Rd., Ste. 624
Troy, MI 48084

Courtesy Reminder for
Application Serial No: 17/472,031

Attorney Docket No: ZOOM-164-B
Customer Number: 177453
Date of Electronic Notification: 04/01/2022

This is a courtesy reminder that new correspondence is available for this application. If you have not done so already, please review the correspondence. The official date of notification of the outgoing correspondence will be indicated on the form PTOL-90 accompanying the correspondence.

An email notification regarding the correspondence was sent to the following email address(es) associated with your customer number:
docketing@youngbasile.com

To view your correspondence online or update your email addresses, please visit us anytime at **https://ppair-my.uspto.gov/pair/PrivatePair.**
If you have any questions, please email the Electronic Business Center (EBC) at EBC@uspto.gov or call 1-866-217-9197.

PTO/SB/08a (01-22)
Approved for use through 05/31/2024. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Not for submission under 37 CFR 1.99)

Application Number	17472031
Filing Date	2021-09-10
First Named Inventor	Nick Swerdlow
Art Unit	2458
Examiner Name	Nazia Naoreen
Attorney Docket Number	ZOOM-164-B

U.S.PATENTS Remove

Examiner Initial*	Cite No	Patent Number	Kind Code[1]	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	10554728	B2	2020-02-04	Reyes	
	2	9912777	B2	2018-03-06	Johar et al.	
	3	9699411	B2	2017-07-04	Nelson et al.	

If you wish to add additional U.S. Patent citation information please click the Add button. Add

U.S.PATENT APPLICATION PUBLICATIONS Remove

Examiner Initial*	Cite No	Publication Number	Kind Code[1]	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	20120150577	A1	2012-06-14	Berg et al.	

If you wish to add additional U.S. Published Application citation information please click the Add button. Add

FOREIGN PATENT DOCUMENTS Remove

Examiner Initial*	Cite No	Foreign Document Number[3]	Country Code[2] i	Kind Code[4]	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	T[5]
	1							

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 317 of 439

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17472031
	Filing Date	2021-09-10
	First Named Inventor	Nick Swerdlow
	Art Unit	2458
	Examiner Name	Nazia Naoreen
	Attorney Docket Number	ZOOM-164-B

If you wish to add additional Foreign Patent Document citation information please click the Add button [Add]

NON-PATENT LITERATURE DOCUMENTS [Remove]

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T[5]
	1		

If you wish to add additional non-patent literature document citation information please click the Add button [Add]

EXAMINER SIGNATURE

Examiner Signature		Date Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

[1] See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. [2] Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). [3] For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. [4] Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. [5] Applicant is to place a check mark here if English language translation is attached.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17472031
	Filing Date	2021-09-10
	First Named Inventor	Nick Swerdlow
	Art Unit	2458
	Examiner Name	Nazia Naoreen
	Attorney Docket Number	ZOOM-164-B

CERTIFICATION STATEMENT

Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

OR

☒ That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

☒ See attached certification statement.

The fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

A certification statement is not submitted herewith.

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/Neil C. Maskeri/	Date (YYYY-MM-DD)	2022-04-06
Name/Print	Neil C. Maskeri	Registration Number	61,591

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 hour to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these record s.

2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.

3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.

4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).

5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.

6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).

7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.

8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.

9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Electronic Acknowledgement Receipt

EFS ID:	45410146
Application Number:	17472031
International Application Number:	
Confirmation Number:	4940
Title of Invention:	Messaging Conference Participants Prior To Joining A Conference
First Named Inventor/Applicant Name:	Nick Swerdlow
Customer Number:	177453
Filer:	Neil C. Maskeri/Jessica Tumblin
Filer Authorized By:	Neil C. Maskeri
Attorney Docket Number:	ZOOM-164-B
Receipt Date:	06-APR-2022
Filing Date:	10-SEP-2021
Time Stamp:	16:51:37
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Information Disclosure Statement (IDS) Form (SB08)	ZOOM164B_Information_Disclosure_Statement_Fillable_PDF_20220406.pdf	1263293 d6f0ee36e33f0695208131919bd8573f1919b9ff	no	4

Warnings:

Information:	
Total Files Size (in bytes):	1263293

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
17/472,031	09/10/2021	Nick Swerdlow	ZOOM-164-B	4940

177453 7590 04/01/2022

Zoom Video Communications, Inc. at Young Basile
3001 West Big Beaver Rd., Ste. 624
Troy, MI 48084

EXAMINER	
NAOREEN, NAZIA	

ART UNIT	PAPER NUMBER
2458	

NOTIFICATION DATE	DELIVERY MODE
04/01/2022	ELECTRONIC

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

docketing@youngbasile.com

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 323 of 439

Office Action Summary	Application No. 17/472,031	Applicant(s) Swerdlow, Nick	
	Examiner NAZIA NAOREEN	Art Unit 2458	AIA (FITF) Status Yes

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTHS FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1)☑ Responsive to communication(s) filed on 09/10/2021.

☐ A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on _____.

2a)☐ This action is **FINAL.** 2b) ☑ This action is non-final.

3)☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on _____; the restriction requirement and election have been incorporated into this action.

4)☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims*

5) ☑ Claim(s) 1-20 is/are pending in the application.

5a) Of the above claim(s) _____ is/are withdrawn from consideration.

6) ☐ Claim(s) _____ is/are allowed.

7) ☑ Claim(s) 1-20 is/are rejected.

8) ☐ Claim(s) _____ is/are objected to.

9) ☐ Claim(s) _____ are subject to restriction and/or election requirement

* If any claims have been determined allowable, you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see http://www.uspto.gov/patents/init_events/pph/index.jsp or send an inquiry to **PPHfeedback@uspto.gov.**

Application Papers

10)☐ The specification is objected to by the Examiner.

11)☑ The drawing(s) filed on 09/10/2021 is/are: a)☑ accepted or b)☐ objected to by the Examiner.

Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).

Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

Priority under 35 U.S.C. § 119

12)☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

Certified copies:

a)☐ All b)☐ Some** c)☐ None of the:

1.☐ Certified copies of the priority documents have been received.

2.☐ Certified copies of the priority documents have been received in Application No. _____.

3.☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

** See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

1) ☑ Notice of References Cited (PTO-892)

2) ☑ Information Disclosure Statement(s) (PTO/SB/08a and/or PTO/SB/08b) Paper No(s)/Mail Date 09/10/2021.

3) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date _____.

4) ☐ Other: _____.

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 324 of 439

DETAILED ACTION

Status of Claims:

1. Claims 1 – 20 are pending.

Notice of Pre-AIA or AIA Status

2. The present application, filed on or after March 16, 2013, is being examined under the first inventor to file provisions of the AIA.

Information Disclosure Statement

3. The information disclosure statement (IDS) was submitted on 09/10/2021. The submission is in compliance with the provisions of 37 CFR 1.97. Accordingly, the information disclosure statement is being considered by the examiner.

Claim Rejections - 35 USC § 102

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –
>
> (a)(1) the claimed invention was patented, described in a printed publication, or in public use, on sale, or otherwise available to the public before the effective filing date of the claimed invention.

5. Claim(s) 1 – 4, 6 – 7, 9 – 12, 15, 17, and 19 – 20 are rejected under 35 U.S.C. 102(a)(1) as being anticipated by Mai (US 20150088572).

As per claim 1, a method for conference messaging, comprising:

obtaining information associated with a conference that is in progress **(The apparatus receives status information from a number of invitees (i.e., endpoints) associated with a meeting session** *(conference in progress)* **in a network environment. The status information may indicate whether the number of invitees has checked into the meeting session, See ¶37)**;

transmitting, to a client device, a graphical output to display on the client device, the graphical output based on the information **(One or more embodiments provide a mobile client application** *(graphical output)* **that allows an invitee to check into a meeting to which they have been invited, See ¶16)**;

prior to the client device joining the conference **(Once the invitee has checked into the meeting, the invitee can then be displayed in the meeting's participant list with an indicator (icon, graphic, object, avatar, etc.) that they have not joined yet, but that they have checked in, See ¶16)**:

receiving a message from the client device to initiate a communication with a participant device that is present in the conference **(The invitee can also enter any free form text … The administrator or meeting organizer can also configure a list of predetermined (e.g., canned, preconfigured, etc.) messages, See ¶17)**; and

granting the client device access to an in-conference communication application associated with the conference in progress based on the message to communicate with the participant device **(A mobile client** *(in-conference communication application)* **may allow a meeting check in protocol** *(granting access)* **for invitees, along with setting an appropriate text status, See ¶18 … the apparatus may cause a meeting client program to provide a representation of the arrival information for the checked in invitee. In a specific embodiment, the meeting client may provide the representation to all of the invitees or only the host of the meeting session** *(conference in progress)*, **¶38)**.

As per claim 2, the method of claim 1, wherein the graphical output triggers a display of one or more predetermined messages **(One or more embodiments provide a mobile client application** *(graphical output)* **that allows an invitee to check into a meeting to which they have been invited … The administrator or meeting organizer can also configure a list of predetermined (e.g., canned, preconfigured, etc.) messages. In one or more embodiments, the invitee checking in can then easily select any of those predetermined messages from a menu list, See ¶16 – 17** */ The checking in of the invitee on the mobile client application triggers the display of the predetermined messages***)**.

As per claim 3, the method of claim 2, wherein at least one of the one or more predetermined messages includes an estimated time of arrival (ETA) of a user of the client device when the user is in a vehicle or the client device is the vehicle **(The mobile client may also automatically calculate the invitee's ETA for the meeting. Once checked in, the invitee may be added to the meeting participant list and the text status, where the ETA is displayed next to the invitee's name, See ¶18)**.

As per claim 4, the method of claim 3, wherein the ETA is based on at least one of navigation data or traffic data **(For mobile clients, the invitee can also choose an estimated time of arrival option. When choosing the ETA option, the mobile endpoint calculates the ETA based on the invitee's current location, destination location, and rate of speed (e.g., which can be based on GPS technology, an accelerometer, etc.), See ¶17)**.

As per claim 6, the method of claim 1, wherein a user of the client device is a non-host of the conference and the participant is a host of the conference **(The term `arrival information` includes any information associated with an arrival time, an estimating arrival time, a projected arrival time, a scheduled arrival time, or an indicated arrival time (e.g., provided by the host, an invitee, etc.) for a meeting invitee, a meeting participant** *(non-host)*, **etc., See ¶37)**.

As per claim 7, the method of claim 1, wherein the conference information includes at least one of a description, an agenda, a time, a location, or a participant identifier **(The apparatus receives status information from a number of invitees (i.e., endpoints) associated with a meeting session in a network environment. The status information may indicate whether the number of invitees has checked into the meeting session. Note that as used herein, the term `status information` includes any information associated with a meeting invitee, a meeting participant, etc., See ¶37)**.

As per claim 9, a system for conference messaging, comprising:
a server configured to:

obtain information associated with a conference that is in progress **(The apparatus receives status information from a number of invitees (i.e., endpoints) associated with a meeting session** *(conference in progress)* **in a network environment. The status information may indicate whether the number of invitees has checked into the meeting session, See ¶37)**; and

transmit a graphical output associated with the conference that is in progress **(One or more embodiments provide a mobile client application** *(graphical output)* **that allows an invitee to check into a meeting to which they have been invited, See ¶16)**; and

a client device configured to display the graphical output on a display of the client device **(One or more embodiments provide a mobile client application** *(graphical output)* **that allows an invitee to check into a meeting to which they have been invited, See ¶16)**;

prior to the client device joining the conference **(Once the invitee has checked into the meeting, the invitee can then be displayed in the meeting's participant list with an indicator (icon, graphic, object, avatar, etc.) that they have not joined yet, but that they have checked in, See ¶16)**, the server configured to:

receive a message from the client device to initiate a communication with a participant device that is present in the conference **(The invitee can also enter any free form text … The administrator or meeting organizer can also configure a list of predetermined (e.g., canned, preconfigured, etc.) messages, See ¶17)**; and

grant the client device access to an in-conference communication application associated with the conference based on the message to communicate with the participant device **(A mobile client** *(in-conference communication application)* **may allow a meeting check in protocol** *(granting access)* **for invitees, along with setting an appropriate text status, See ¶18)**; and

prior to the client device joining the conference, the client device configured to:

communicate with the participant device via the in-conference communication application **(The apparatus may cause a meeting client program to provide a representation of the arrival information for the checked in invitee. In a specific embodiment, the meeting client may provide the representation to all of the invitees or only the host** *(participant device)* **of the meeting session, ¶38)**.

As per claim 10, the system of claim 9, wherein the graphical output triggers a display of one or more predetermined messages**(One or more embodiments provide a mobile client application** *(graphical output)* **that allows an invitee to check into a meeting to which they have been invited … The administrator or meeting organizer can also configure a list of predetermined (e.g., canned, preconfigured, etc.) messages. In one or more embodiments, the invitee checking in can then easily select any of those predetermined messages from a menu list, See ¶16 – 17** */ The checking in of the invitee on the mobile client application triggers the display of the predetermined messages*).

As per claim 11, the system of claim 10, wherein at least one of the one or more predetermined messages includes an estimated time of arrival (ETA) of a user of the client device when the user is in a vehicle or the client device is the vehicle **(The mobile client may also automatically calculate the invitee's ETA for the meeting. Once checked in, the invitee may be added to the meeting participant list and the text status, where the ETA is displayed next to the invitee's name, See ¶18)**.

As per claim 12, the system of claim 11, wherein the ETA is based on at least one of navigation data or traffic data **(For mobile clients, the invitee can also choose an estimated time of arrival option. When choosing the ETA option, the mobile endpoint calculates the ETA based on the invitee's current location, destination location, and rate of speed (e.g., which can be based on GPS technology, an accelerometer, etc.), See ¶17)**.

As per claim 15, a non-transitory computer-readable storage device including program instructions that, when executed by a processor, cause the processor to perform operations, the operations comprising:

obtaining information associated with a conference that is in progress **(The apparatus receives status information from a number of invitees (i.e., endpoints) associated with a meeting session** *(conference in progress)* **in a network environment. The status information may indicate whether the number of invitees has checked into the meeting session, See ¶37)**;

transmitting a graphical output to display on a client device, the graphical output based on the information **(One or more embodiments provide a mobile client application** *(graphical output)* **that allows an invitee to check into a meeting to which they have been invited, See ¶21)**;

prior to the client device joining the conference **(Once the invitee has checked into the meeting, the invitee can then be displayed in the meeting's participant list with an indicator (icon, graphic, object, avatar, etc.) that they have not joined yet, but that they have checked in, See ¶16)**:

receiving a message from the client device to initiate a communication with a participant device that is present in the conference **(The invitee can also enter any free form text ... The administrator or meeting organizer can also configure a list of predetermined (e.g., canned, preconfigured, etc.) messages, See ¶17)**; and

granting the client device access to an in-conference communication application associated with the conference based on the message to communicate with the participant device **(A mobile client** *(in-conference communication application)* **may allow a meeting check in protocol** *(granting access)* **for invitees, along with setting an appropriate text status, See ¶18 ... the apparatus may cause a meeting client program to provide a representation of the arrival information for the checked in invitee. In a specific embodiment, the meeting client may provide the representation to all of the invitees or only the host of the meeting session** *(conference in progress)*, **¶38)**.

As per claim 17, the non-transitory computer-readable storage device of claim 15, wherein the conference information includes at least one of a description, an agenda, a time, a location, or a participant identifier **(The apparatus receives status information from a number of invitees (i.e., endpoints) associated with a meeting session in a network environment. The status information may indicate whether the number of invitees has checked into the meeting session. Note that as used herein, the term `status information` includes any information associated with a meeting invitee, a meeting participant, etc., See ¶37)**.

As per claim 19, the non-transitory computer-readable storage device of claim 15, wherein the graphical output triggers a display of one or more predetermined messages **(One or more embodiments provide a mobile client application** *(graphical output)* **that allows an invitee to check into a meeting to which they have been invited … The administrator or meeting organizer can also configure a list of predetermined (e.g., canned, preconfigured, etc.) messages. In one or more embodiments, the invitee checking in can then easily select any of those predetermined messages from a menu list, See ¶16 – 17** */ The checking in of the invitee on the mobile client application triggers the display of the predetermined messages*).

As per claim 20, the non-transitory computer-readable storage device of claim 15, wherein the message is a response to the graphical output **(A mobile client may allow a meeting check in protocol** *(graphical output)* **for invitees, along with setting an appropriate text status** *(message in response to graphical output)*, **See ¶18**.

Claim Rejections - 35 USC § 103

6. The following is a quotation of 35 U.S.C. 103 which forms the basis for all obviousness rejections set forth in this Office action:

> A patent for a claimed invention may not be obtained, notwithstanding that the claimed invention is not identically disclosed as set forth in section 102, if the differences between the claimed invention and the prior art are such that the claimed invention as a whole would have been obvious before the effective filing date of the claimed invention to a person having ordinary skill in the art to which the claimed invention pertains. Patentability shall not be negated by the manner in which the invention was made.

7. The factual inquiries for establishing a background for determining obviousness under 35 U.S.C. 103 are summarized as follows:

1. Determining the scope and contents of the prior art.

2. Ascertaining the differences between the prior art and the claims at issue.

3. Resolving the level of ordinary skill in the pertinent art.

4. Considering objective evidence present in the application indicating obviousness or nonobviousness.

8. Claims 5, 13, and 16 are rejected under 35 U.S.C. 103 as being unpatentable over Mai (US 20150088572), in view of Wender (US 11144887), and further in view of Bezemer (US 20100153160).

As per claim 5, Mai discloses all limitations of claim 1.

Mai however does not expressly disclose:

receiving, via the in-conference communication application, a chat message from the client device for the participant device.

Wender discloses:

the method of claim 1, comprising:

receiving, via the in-conference communication application, a chat message from the client device for the participant device **(A chat session may be available, through which attendee users can send messages to one another ... during the monitoring period, the monitoring application can enable a menu of quick messages that can be sent with one click or tap, for situations where a user needs to provide an update about the user's status (e.g., running late) and is not free to type a message, See Col. 29, Lines 52 - 63)**; and

It would have been obvious to an artisan of ordinary skill at the time of the Applicant's filing date to combine Wender's teaching of a receiving a chat message from a client device, along with granting the client device access to an in-conference communication application to communicate with the participant device to improve Mai's system. Both Mai and Wender disclose conferencing systems. Wender's system includes a chat session through which the attendees of a conference can update a user's status. The combination is an improvement upon the existing system because a client device can be granted access to an in-conference communication application to communicate with the participant device as taught by Mai, where the communication can be presented in a chat message as taught by Wender, to allow a user who has not yet joined a conference to communicate the user's status with the conference participants.

The combination of Mai and Wender does not expressly disclose:

updating a topic of the conference based on the chat message.

Bezemer discloses:

updating a topic of the conference based on the chat message **(The meeting scheduler supports sending instant meeting schedule updates to handheld devices. Moreover, it updates meeting scheduling information in real-time. For example, if a meeting participant P finds that he will be late or cannot attend a meeting, he can send a notification message from his handheld device to the meeting management system. If the time between the system receiving the notification message and the meeting starting is longer than a threshold (eg., 4 hours), the system reschedules the meeting and notifies all participants. If the time between the system receiving the notification message and the meeting starting is less than a threshold, or the meeting has started when the system receives the message, the system may reorganize the meeting agenda by moving the topics that the meeting participant P is involved with to a later time to allow the participant P to catch up with his topic. The system will notify all participants of the change of meeting schedule and/or agenda via email and/or message to participants' handheld devices, See ¶123)**.

It would have been obvious to an artisan of ordinary skill at the time of the Applicant's filing date to combine Bezemer's teaching of updating a conference topic and Wender's teaching of a receiving a chat message from a client device, along with granting the client device access to an in-conference communication application to communicate with the participant device to improve Mai's system. Mai, Wender, and Bezemer all disclose conferencing systems. Bezemer's system includes updating a meeting agenda by moving topics based on a notification mesage. The combination is an improvement upon the existing system because a client device can be granted access to an in-conference communication application to communicate with the participant device as taught by Mai, where the communication can be presented in a chat message as taught by Wender, to update a conference topic based on a notification

message such as thechat message as taught by Bezemer, to allow a user who has not yet joined a conference to communicate the user's status with the conference participants.

As per claim 13, the system of claim 9, the server configured to:

receive, via the in-conference communication application, a chat message from the client device for the participant device (Wender, **A chat session may be available, through which attendee users can send messages to one another … during the monitoring period, the monitoring application can enable a menu of quick messages that can be sent with one click or tap, for situations where a user needs to provide an update about the user's status (e.g., running late) and is not free to type a message, See Col. 29, Lines 52 - 63)**; and

update a topic of the conference based on the chat message (Bezemer, **The meeting scheduler supports sending instant meeting schedule updates to handheld devices. Moreover, it updates meeting scheduling information in real-time. For example, if a meeting participant P finds that he will be late or cannot attend a meeting, he can send a notification message from his handheld device to the meeting management system. If the time between the system receiving the notification message and the meeting starting is longer than a threshold (eg., 4 hours), the system reschedules the meeting and notifies all participants. If the time between the system receiving the notification message and the meeting starting is less than a threshold, or the meeting has started when the system receives the message, the system may reorganize the meeting agenda by moving the topics that the meeting participant P is involved with to a later time to allow the participant P to catch up with his topic. The system will notify all participants of the change of meeting schedule and/or agenda via email and/or message to participants' handheld devices, See ¶123)**.

As per claim 16, the non-transitory computer-readable storage device of claim 15, wherein the program instructions, when executed by the processor, cause the processor to perform operations, the operations comprising:

receiving, via the in-conference communication application, a chat message from the client device for the participant device (Wender, **A chat session may be available, through which attendee users can send messages to one another … during the monitoring period, the monitoring application can enable a menu of quick messages that can be sent with one click or tap, for situations where a user needs to provide an update about the user's status (e.g., running late) and is not free to type a message, See Col. 29, Lines 52 - 63)**; and

updating a topic of the conference based on the chat message (Bezemer, **The meeting scheduler supports sending instant meeting schedule updates to handheld devices. Moreover, it updates meeting scheduling information in real-time. For example, if a meeting participant P finds that he will be late or cannot attend a meeting, he can send a notification message from his handheld device to the meeting management system. If the time between the system receiving the notification message and the meeting starting is longer than a threshold (eg., 4 hours), the system reschedules the meeting and notifies all participants. If the time between the system receiving the notification message and the meeting starting is less than a threshold, or the meeting has started when the system receives the message, the system may reorganize the meeting agenda by moving the topics that the meeting participant P is involved with to a later time to allow the participant P to catch up with his topic. The system will notify all participants of the change of meeting schedule and/or agenda via email and/or message to participants' handheld devices, See ¶123)**.

9. Claims 8, 14, and 18 are rejected under 35 U.S.C. 103 as being unpatentable over Mai (US 20150088572) and in view of Wender (US 11144887).

As per claim 8, Mai discloses all limitations of claim 1.

Mai however does not expressly disclose:

wherein the in-conference communication application is a chat room configured for at least one of text messaging, audio messaging, or video messaging.

Wender discloses:

the method of claim 1, wherein the in-conference communication application is a chat room configured for at least one of text messaging, audio messaging, or video messaging **(In some examples, a group chat can automatically be generated for each event. A group chat, which can also be referred to as a chat room, would allow users to share text messages, emojis, gifs, images, videos, or other electronic communications, among other examples, See Col. 26, Liners 1 - 9)**.

It would have been obvious to an artisan of ordinary skill at the time of the Applicant's filing date to combine Wender's teaching of a chat room, along with granting the client device access to an in-conference communication application to communicate with the participant device to improve Mai's system. Both Mai and Wender disclose conferencing systems. Wender's system includes a chat room associated with various electronic communications. The combination is an improvement upon the existing system because a client device can be granted access to an in-conference communication application to communicate with the participant device as taught by Mai, where the in-conference communication application can include a chat room as taught by Wender, to allow a user who has not yet joined a conference to communicate the user's status with the conference participants.

As per claim 14, the system of claim 9, wherein the in-conference communication application is a chat room configured for at least one of text messaging, audio messaging, or video messaging (Wender, **In some examples, a group chat can automatically be generated for each event. A group chat, which can also be referred to as a chat room, would allow users to share text messages, emojis, gifs, images, videos, or other electronic communications, among other examples, See Col. 26, Liners 1 - 9)**.

As per claim 18, the non-transitory computer-readable storage device of claim 15. wherein the in-conference communication application is a chat room configured for at least one of text messaging, audio messaging, or video messaging (Wender, **In some examples, a group chat can automatically be generated for each event. A group chat, which can also be referred to as a chat room, would allow**

users to share text messages, emojis, gifs, images, videos, or other electronic communications, among other examples, See Col. 26, Liners 1 - 9).

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to NAZIA NAOREEN whose telephone number is (571)270-7282. The examiner can normally be reached M-F: 9:00 - 6:00.

Examiner interviews are available via telephone, in-person, and video conferencing using a USPTO supplied web-based collaboration tool. To schedule an interview, applicant is encouraged to use the USPTO Automated Interview Request (AIR) at http://www.uspto.gov/interviewpractice.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kevin Bates can be reached on 571-272-3980. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of published or unpublished applications may be obtained from Patent Center. Unpublished application information in Patent Center is available to registered users. To file and manage patent submissions in Patent Center, visit: https://patentcenter.uspto.gov. Visit https://www.uspto.gov/patents/apply/patent-center for more information about Patent Center and https://www.uspto.gov/patents/docx for information about filing in DOCX format. For additional questions, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/NAZIA NAOREEN/
Examiner, Art Unit 2458

Notice of References Cited	Application/Control No. 17/472,031	Applicant(s)/Patent Under Reexamination Swerdlow, Nick	
	Examiner NAZIA NAOREEN	Art Unit 2458	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	CPC Classification	US Classification
*	A	US-20150088572-A1	03-2015	Mai; Lan Betty Ngoc	G06Q10/1093	705/7.18
*	B	US-11144887-B2	10-2021	Wender; David R.	H04W4/029	1/1
*	C	US-20100153160-A1	06-2010	BEZEMER; RICHARD	G06Q10/109	705/348
	D					
	E					
	F					
	G					
	H					
	I					
	J					
	K					
	L					
	M					

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	CPC Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	
	V	
	W	
	X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 338 of 439

Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
	17/472,031	Swerdlow, Nick
	Examiner	Art Unit
	NAZIA NAOREEN	2458

CPC - Searched*		
Symbol	Date	Examiner
H04L12/1818	03/26/2022	NN
H04L12/1822	03/26/2022	NN
H04L51/046	03/26/2022	NN

CPC Combination Sets - Searched*		
Symbol	Date	Examiner

US Classification - Searched*			
Class	Subclass	Date	Examiner

* See search history printout included with this form or the SEARCH NOTES box below to determine the scope of the search.

Search Notes		
Search Notes	Date	Examiner
Inventor and Assignee	03/26/2022	NN
PE2ESEARCH (US-PGPUB, USPAT, USOCR, FIT, FPRS, EPO, JPO, DERWENT, IBM TDB)	03/26/2022	NN
Classification and Double Patenting	03/26/2022	NN
IP.com search, Google Scholar search	03/26/2022	NN

Interference Search			
US Class/CPC Symbol	US Subclass/CPC Group	Date	Examiner

/NAZIA NAOREEN/ Examiner, Art Unit 2458	

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 339 of 439

Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
	17/472,031	Swerdlow, Nick
	Examiner	Art Unit
	NAZIA NAOREEN	2458

/NAZIA NAOREEN/ Examiner, Art Unit 2458	

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 340 of 439

Index of Claims	Application/Control No.	Applicant(s)/Patent Under Reexamination
	17/472,031	Swerdlow, Nick
	Examiner	Art Unit
	NAZIA NAOREEN	2458

✓	Rejected	-	Cancelled	N	Non-Elected	A	Appeal
=	Allowed	÷	Restricted	I	Interference	O	Objected

CLAIMS

☐ Claims renumbered in the same order as presented by applicant ☐ CPA ☐ T.D. ☐ R.1.47

CLAIM		DATE								
Final	Original	03/26/2022								
	1	✓								
	2	✓								
	3	✓								
	4	✓								
	5	✓								
	6	✓								
	7	✓								
	8	✓								
	9	✓								
	10	✓								
	11	✓								
	12	✓								
	13	✓								
	14	✓								
	15	✓								
	16	✓								
	17	✓								
	18	✓								
	19	✓								
	20	✓								

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 341 of 439

Doc code: IDS
Doc description: Information Disclosure Statement (IDS) Filed

PTO/SB/08a (02-18)
Approved for use through 11/30/2020. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Not for submission under 37 CFR 1.99)

Application Number	
Filing Date	
First Named Inventor	Nick Swerdlow
Art Unit	N/A
Examiner Name	Not Yet Assigned
Attorney Docket Number	ZOOM-164-B

U.S.PATENTS Remove

Examiner Initial*	Cite No	Patent Number	Kind Code[1]	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	6853398		2005-02-08	Malzbender et al.	
	2	7603412		2009-10-13	Beyda	
	3	9165290		2015-10-20	Wessling et al.	

If you wish to add additional U.S. Patent citation information please click the Add button. Add

U.S.PATENT APPLICATION PUBLICATIONS Remove

Examiner Initial*	Cite No	Publication Number	Kind Code[1]	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	20110107228	A1	2011-05-05	Huang	
	2	20070239827	A1	2007-10-11	Deboy et al.	
	3	20030189601	A1	2003-10-09	Ben-Shachar et al.	

If you wish to add additional U.S. Published Application citation information please click the Add button. Add

FOREIGN PATENT DOCUMENTS Remove

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH.

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 342 of 439

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	
	Filing Date	
	First Named Inventor	Nick Swerdlow
	Art Unit	N/A
	Examiner Name	Not Yet Assigned
	Attorney Docket Number	ZOOM-164-B

Examiner Initial*	Cite No	Foreign Document Number[3]	Country Code[2] i	Kind Code[4]	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	T[5]
	1							

If you wish to add additional Foreign Patent Document citation information please click the Add button Add

NON-PATENT LITERATURE DOCUMENTS Remove

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T[5]
	1		

If you wish to add additional non-patent literature document citation information please click the Add button Add

EXAMINER SIGNATURE

Examiner Signature	/NAZIA NAOREEN/	Date Considered	03/26/2022

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

[1] See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. [2] Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). [3] For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. [4] Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. [5] Applicant is to place a check mark here if English language translation is attached.

ALL REFERENCES CONSIDERED EXCEPT WHERE [illegible]

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 343 of 439

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (**Not for submission under 37 CFR 1.99**)	Application Number	
	Filing Date	
	First Named Inventor	Nick Swerdlow
	Art Unit	N/A
	Examiner Name	Not Yet Assigned
	Attorney Docket Number	ZOOM-164-B

CERTIFICATION STATEMENT

Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

OR

☐ That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

See attached certification statement.

The fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

☒ A certification statement is not submitted herewith.

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/Neil C. Maskeri/	Date (YYYY-MM-DD)	2021-09-10
Name/Print	Neil C. Maskeri	Registration Number	61,591

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 hour to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 344 of 439

ALL REFERENCES CONSIDERED EXCEPT WHERE [illegible]

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these record s.

2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.

3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.

4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).

5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.

6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).

7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.

8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.

9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 345 of 439

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /A.W./

PE2E SEARCH - Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	British Equivalents	Time Stamp
L2	30	("20030189601"|"20070239827"|"20110107228"|"6853398"|"7603412"|"9165290").PN.	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2022/03/23 02:42 PM
L3	0	conference AND vehicle AND late AND eta AND prewritten message	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2022/03/23 03:11 PM
L4	0	conference AND vehicle AND late AND eta AND prewritten	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2022/03/23 03:11 PM
L5	0	conference AND vehicle AND eta AND prewritten	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU,	ADJ	ON	ON	2022/03/23 03:11 PM

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 346 of 439

			CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L6	0	conference AND late AND eta AND prewritten	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2022/03/23 03:12 PM
L7	181	conference AND prewritten	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2022/03/23 03:12 PM
L8	3	conference AND prewritten AND eta	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN,	ADJ	ON	ON	2022/03/23 03:12 PM

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 347 of 439

			WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L9	1974	conference AND vehicle AND late AND eta	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2022/03/23 03:13 PM
L10	7	conference AND vehicle AND late near5 message AND eta	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2022/03/23 03:13 PM
L11	148	(H04L12/1818 AND H04L12/1822 AND H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2022/03/23 03:15 PM
L12	0	vehicle AND eta AND (H04L12/1818 AND H04L12/1822 AND H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB,	ADJ	ON	ON	2022/03/23 03:15 PM

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 348 of 439

			HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L13	0	eta AND (H04L12/1818 AND H04L12/1822 AND H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2022/03/23 03:16 PM
L14	7	late AND (H04L12/1818 AND H04L12/1822 AND H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2022/03/23 03:16 PM
L15	6	(prewritten OR predetermined) NEAR messages AND (H04L12/1818 AND H04L12/1822 AND H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT;	ADJ	ON	ON	2022/03/23 03:21 PM

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 349 of 439

			IBM_TDB)				
L16	53	(vehicle OR automobile OR car) AND eta AND (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2022/03/23 03:23 PM
L17	0	(prewritten OR predetermined) NEAR messages (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2022/03/23 03:28 PM
L18	652	(prewritten OR predetermined) NEAR messages AND (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2022/03/23 03:28 PM
L19	7	(prewritten OR predetermined) NEAR messages AND estimated time NEAR arrival AND (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV,	ADJ	ON	ON	2022/03/23 03:28 PM

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 350 of 439

			MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L20	2	(prewritten OR predetermined) NEAR messages AND eta AND (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2022/03/23 03:29 PM
L21	64	(prewritten OR predetermined) NEAR messages AND eta AND conference	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2022/03/23 03:29 PM
L22	4932	(prewritten OR predetermined) NEAR messages AND conference	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2022/03/23 04:00 PM
L23	19	(prewritten OR	(US-PGPUB; USPAT;	ADJ	ON	ON	2022/03/23

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 351 of 439

		predetermined) NEAR messages AND conference AND yet near5 join$3	USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)				04:00 PM
L24	1	(prewritten OR predetermined) NEAR messages AND conference AND yet near5 join$3 AND eta	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2022/03/23 04:07 PM
L25	36	(Artificial Intelligence) More Like: US-20150088572-A1 Text: (US-20150067545-A1 OR US-20160364696-A1 OR US-8982173-B1 OR US-9660824-B2 OR US-20180007096-A1 OR US-9912777-B2 OR US-20160269504-A1 OR CN-109479009-A OR EP-2422302-A1 OR WO-2010122381-A1 OR US-8319816-B1 OR US-20100274855-A1 OR US-10122769-B1 OR US-20160205154-A1 OR EP-3453139-A1 OR WO-2018005252-A1 OR US-10462195-B2 OR US-8165792-B2 OR US-20150085707-A1 OR US-20140201275-A1) did.	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2022/03/23 04:10 PM
L26	2	("20100198646").pn.	(US-PGPUB; USPAT;	ADJ	ON	ON	2022/03/23

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 352 of 439

			USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)				04:12 PM
L27	8	conference AND (yet AND prior) near5 join$3 AND chat message	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2022/03/23 04:23 PM
L28	0	conference AND yet near5 join$3 SAME chat message	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2022/03/23 04:29 PM
L29	8	conference AND late SAME chat message	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL,	ADJ	ON	ON	2022/03/23 04:29 PM

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 353 of 439

			PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L30	28	meeting AND late SAME chat message	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2022/03/23 04:31 PM
L31	0	meeting AND yet near5 join$3 SAME chat message	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2022/03/23 04:33 PM
L32	0	late SAME chat (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2022/03/23 04:35 PM
L33	154	late SAME chat AND (H04L12/1818 OR H04L12/1822 OR	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY,	ADJ	ON	ON	2022/03/23 04:35 PM

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 354 of 439

		H04L51/046).cpc.	CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L34	4	late SAME chat message AND (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2022/03/23 04:35 PM
L35	37	late SAME chat SAME message AND (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2022/03/23 04:36 PM
L36	11	late SAME chat SAME message SAME (updat$3 OR topic OR agenda) AND (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH,	ADJ	ON	ON	2022/03/23 04:43 PM

			TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L37	67	late SAME chat SAME message SAME (updat$3 OR topic OR agenda)	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2022/03/23 04:43 PM
L38	36	(conference OR meeting OR collaboration) AND late SAME chat SAME message SAME (updat$3 OR topic OR agenda)	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2022/03/23 04:43 PM
L39	9855	(conference OR meeting OR collaboration) AND late SAME (updat$3 OR topic OR agenda)	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2022/03/23 04:46 PM
L40	7	(conference OR meeting OR collaboration) AND late SAME updat$3 near5 (topic OR agenda)	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA,	ADJ	ON	ON	2022/03/23 04:46 PM

			EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L41	0	late SAME updat$3 near5 (topic OR agenda) AND (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2022/03/23 04:48 PM
L42	414	late SAME updat$3 AND (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2022/03/23 04:48 PM
L43	59	late SAME (topic OR agenda) AND (H04L12/1818 OR H04L12/1822 OR H04L51/046).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO;	ADJ	ON	ON	2022/03/23 04:53 PM

			JPO; DERWENT; IBM_TDB)				
L44	1078	late SAME (topic OR agenda) AND (conference OR meeting)	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2022/03/23 05:08 PM
L45	58	late SAME (delay$3 OR mov$3 OR resschedul$3 OR chang$3) near5 (topic OR agenda) AND (conference OR meeting)	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	ADJ	ON	ON	2022/03/23 05:09 PM
L48	0	((("SWERDLOW") near3 ("Nick"))).INV.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	ADJ	ON	ON	2022/03/26 07:29 PM
L49	21	((("ZOOM") near3 ("VIDEO") near3 ("COMMUNICATIONS") near3 ("INC"))).AS.AANM.	(USPAT)	ADJ	ON	ON	2022/03/26 07:30 PM

PE2E SEARCH - Search History (Interference)

There are no Interference searches to show.

Bibliographic Data

Application No: 17/472,031

Foreign Priority claimed: ○ Yes ◉ No

35 USC 119 (a-d) conditions met: ☐ Yes ☑ No ☐ Met After Allowance

Verified and Acknowledged: /NAZIA NAOREEN/ Examiner's Signature | Initials

Title: Messaging Conference Participants Prior To Joining A Conference

---

FILING or 371(c) DATE	CLASS	GROUP ART UNIT	ATTORNEY DOCKET NO.
09/10/2021	709	2458	ZOOM-164-B
RULE			

APPLICANTS

Zoom Video Communications, Inc., San Jose, CA,

INVENTORS

Nick Swerdlow, Santa Clara, CA, UNITED STATES

CONTINUING DATA

FOREIGN APPLICATIONS

IF REQUIRED, FOREIGN LICENSE GRANTED**

09/21/2021

STATE OR COUNTRY

UNITED STATES

ADDRESS

Zoom Video Communications, Inc. at Young Basile
3001 West Big Beaver Rd., Ste. 624
Troy, MI 48084
UNITED STATES

FILING FEE RECEIVED

$1,820

Search History

Report Run Date: 2022-03-26 UTC
Searches: 5
Markers: 0

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 360 of 439

Search #	Timestamp	Results	Page
1	2022-03-26 23:26 UTC	3,731,211	3
2	2022-03-26 23:31 UTC	46,647	4
3	2022-03-26 23:34 UTC	388,066	4
4	2022-03-26 23:38 UTC	18,482,211	4
5	2022-03-26 23:42 UTC	27,315,198	4

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 361 of 439

Content: Patents + NPL (187)

US Patents | US Designs | US Applications | EPO Patents | EPO Applications | China Patents | China Applications | Japan Patents | Japan Applications | Korea Patents | Korea Applications | WIPO Applications | Argentina Patents | Argentina Applications | Brazil Patents | Brazil Applications | Canada Patents | Canada Applications | Chile Patents | Chile Applications | Colombia Applications | Costa Rica Applications | Cuba Patents | Cuba Applications | Dominican Republic Applications | Ecuador Patents | Ecuador Applications | El Salvador Applications | Guatemala Applications | Honduras Applications | Mexico Patents | Mexico Applications | Nicaragua Patents | Panama Applications | Peru Applications | Trinidad & Tobago Patents | Uruguay Applications | Austria Patents | Austria Applications | Belarus Patents | Belgium Patents | Belgium Applications | Bosnia & Herzegovina Patents | Bosnia & Herzegovina Applications | Bulgaria Patents | Bulgaria Applications | Croatia Patents | Croatia Applications | Czech Republic Patents | Czech Republic Applications | Czechoslovakia Patents | Czechoslovakia Applications | Denmark Patents | Denmark Applications | Estonia Patents | Estonia Applications | EUIPO Patents | Finland Patents | Finland Applications | France Patents | France Applications | Germany Patents | Germany Applications | Great Britain Patents | Great Britain Applications | Greece Patents | Greece Applications | Hungary Patents | Hungary Applications | Iceland Patents | Iceland Applications | Ireland Patents | Ireland Applications | Italy Patents | Italy Applications | Latvia Patents | Latvia Applications | Lithuania Patents | Lithuania Applications | Luxembourg Patents | Malta Patents | Monaco Patents | Montenegro Patents | Montenegro Applications | Netherlands Patents | Netherlands Applications | Norway Patents | Norway Applications | Poland Patents | Poland Applications | Portugal Patents | Portugal Applications | Republic of Moldova Patents | Republic of Moldova Applications | Romania Patents | Romania Applications | San Marino Patents | San Marino Applications | Serbia Patents | Serbia Applications | Slovakia Patents | Slovakia Applications | Slovenia Patents | Spain Patents | Spain Applications | Sweden Patents | Sweden Applications | Switzerland Patents | Switzerland Applications | Ukraine Patents | Yugoslavia/Serbia and Montenegro Patents | Yugoslavia/Serbia and Montenegro Applications | Armenia Patents | Australia Patents | Australia Applications | Cyprus Patents | Gulf Cooperation Council Patents | Hong Kong Patents | India Patents | India Applications | Indonesia Patents | Indonesia Applications | Israel Applications | Jordan Patents | Kyrgyzstan Patents | Macao Applications | Malaysia Patents | Mongolia Patents | New Zealand Patents | Philippines Patents | Philippines Applications | Saudi Arabia Patents | Singapore Patents | Singapore Applications | Taiwan Patents | Taiwan Applications | Tajikistan Patents | Tajikistan Applications | Thailand Applications | Uzbekistan Patents | Vietnam Patents | Algeria Patents | ARIPO Patents | ARIPO Applications | Egypt Patents | Kenya Patents | Malawi Patents | Morocco Patents | Morocco Applications | OAPI Patents | South Africa Patents | Tunisia Applications | Zambia Patents | Zimbabwe Patents | EAPO Patents | EAPO Applications | Georgia Patents | Georgia Applications | Kazakhstan Patents | Kazakhstan Applications | Russia Patents | Russia Applications | Turkey Patents | Turkey Applications | IEEE Xplore Publications: IEEE Periodicals | IEEE Xplore Publications: IEEE Conferences | IEEE Xplore Publications: IEEE Standards | IEEE Xplore Publications: IEEE Early Access | IEEE Xplore Publications: SMPTE Periodicals | IEEE Xplore Publications: SMPTE Conferences | IEEE Xplore Publications: SMPTE Standards | IEEE Xplore Publications: MIT Press eBooks | IEEE Xplore Publications: Wiley-IEEE eBooks | IEEE Xplore Publications: IBM Periodicals | IEEE Xplore Publications: URSI Periodicals | IEEE Xplore Publications: VDE Conferences | IEEE Xplore Publications: Periodicals from China | IP.com Prior Art Database: The IP.com Journal | IP.com Prior Art Database: Internet Society RFC | IP.com Prior Art Database: IBM TDB Archive | IP.com Prior Art Database: Legacy Journals | IP.com Prior Art Database: Software Patent Institute | OnePetro.org: Periodicals at OnePetro.org | OnePetro.org: Conferences at OnePetro.org | Other Literature: IBM Redbooks | Other Literature: PubMed Central | Other Literature: arXiv.org

1 **2022-03-26 23:26 UTC | 3,731,211 results from**

De-Dup: None | **Cut-off:** None | **Sort:** Relevance

Main Concept: Text
conference in progress and in conference application

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 362 of 439

Concept Modifiers: None

Filters: None

2 **2022-03-26 23:31 UTC | 46,647 results from**

De-Dup: None | **Cut-off:** None | **Sort:** Relevance

Main Concept: Text
in conference communication application and predetermined messages and eta

Concept Modifiers: None

Filters: None

3 **2022-03-26 23:34 UTC | 388,066 results from**

De-Dup: None | **Cut-off:** None | **Sort:** Relevance

Main Concept: Text
prior to joining a conference and communicate with participant device

Concept Modifiers: None

Filters: None

4 **2022-03-26 23:38 UTC | 18,482,211 results from**

De-Dup: None | **Cut-off:** None | **Sort:** Relevance

Main Concept: Text
estimated time of arrival and chat message and update topic

Concept Modifiers: None

Filters: None

5 **2022-03-26 23:42 UTC | 27,315,198 results from**

De-Dup: None | **Cut-off:** None | **Sort:** Relevance

Main Concept: Text
chat room and conference application and text or audio or video

Concept Modifiers: None

Filters: None

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 363 of 439

Web Search History

date, time	web site	search string
3/26/2022 7:27:02 PM	Google Scholar	conference in progress and in conference application
3/26/2022 7:31:37 PM	Google Scholar	in conference communication application and predetermined messages and eta
3/26/2022 7:34:39 PM	Google Scholar	prior to joining a conference and communicate with participant device
3/26/2022 7:38:49 PM	Google Scholar	estimated time of arrival and chat message and update topic
3/26/2022 7:42:46 PM	Google Scholar	chat room and conference application and text or audio or video

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 364 of 439

PATENT APPLICATION FEE DETERMINATION RECORD

Substitute for Form PTO-875

Application or Docket Number: 17/472,031

APPLICATION AS FILED - PART I

FOR	(Column 1) NUMBER FILED	(Column 2) NUMBER EXTRA	SMALL ENTITY RATE($)	SMALL ENTITY FEE($)	OR	OTHER THAN SMALL ENTITY RATE($)	OTHER THAN SMALL ENTITY FEE($)
BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A			N/A	320
SEARCH FEE (37 CFR 1.16(k), (i), or (m))	N/A	N/A	N/A			N/A	700
EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A			N/A	800
TOTAL CLAIMS (37 CFR 1.16(i))	20 minus 20 =	*			OR	x 100 =	0.00
INDEPENDENT CLAIMS (37 CFR 1.16(h))	3 minus 3 =	*				x 480 =	0.00
APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is $310 ($155 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).						0.00
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))							0.00
* If the difference in column 1 is less than zero, enter "0" in column 2.			TOTAL			TOTAL	1820

APPLICATION AS AMENDED - PART II

		(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	SMALL ENTITY RATE($)	SMALL ENTITY ADDITIONAL FEE($)	OR	OTHER THAN SMALL ENTITY RATE($)	OTHER THAN SMALL ENTITY ADDITIONAL FEE($)
AMENDMENT A	Total (37 CFR 1.16(i))	*	Minus	**	=	x =		OR	x =	
	Independent (37 CFR 1.16(h))	*	Minus	***	=	x =		OR	x =	
	Application Size Fee (37 CFR 1.16(s))									
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							OR		
						TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	

		(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	SMALL ENTITY RATE($)	SMALL ENTITY ADDITIONAL FEE($)	OR	OTHER THAN SMALL ENTITY RATE($)	OTHER THAN SMALL ENTITY ADDITIONAL FEE($)
AMENDMENT B	Total (37 CFR 1.16(i))	*	Minus	**	=	x =		OR	x =	
	Independent (37 CFR 1.16(h))	*	Minus	***	=	x =		OR	x =	
	Application Size Fee (37 CFR 1.16(s))									
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							OR		
						TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".
*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".
The "Highest Number Previously Paid For" (Total or Independent) is the highest found in the appropriate box in column 1.

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NUMBER	FILING or 371(c) DATE	GRP ART UNIT	FIL FEE REC'D	ATTY.DOCKET.NO	TOT CLAIMS	IND CLAIMS
17/472,031	09/10/2021	2447	1820	ZOOM-164-B	20	3

CONFIRMATION NO. 4940

FILING RECEIPT

177453
Zoom Video Communications, Inc. at Young Basile
3001 West Big Beaver Rd., Ste. 624
Troy, MI 48084

OC000000128567077

Date Mailed: 09/23/2021

Receipt is acknowledged of this non-provisional utility patent application. The application will be taken up for examination in due course. Applicant will be notified as to the results of the examination. Any correspondence concerning the application must include the following identification information: the U.S. APPLICATION NUMBER, FILING DATE, NAME OF FIRST INVENTOR, and TITLE OF INVENTION. Fees transmitted by check or draft are subject to collection.

Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please submit a written request for a corrected Filing Receipt, including a properly marked-up ADS showing the changes with strike-through for deletions and underlining for additions. If you received a "Notice to File Missing Parts" or other Notice requiring a response for this application, please submit any request for correction to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections provided that the request is grantable.

Inventor(s)

Nick Swerdlow, Santa Clara, CA;

Applicant(s)

Zoom Video Communications, Inc., San Jose, CA;

Power of Attorney: The patent practitioners associated with Customer Number 177453

Domestic Applications for which benefit is claimed - None.
A proper domestic benefit claim must be provided in an Application Data Sheet in order to constitute a claim for domestic benefit. See 37 CFR 1.76 and 1.78.

Foreign Applications for which priority is claimed (You may be eligible to benefit from the **Patent Prosecution Highway** program at the USPTO. Please see http://www.uspto.gov for more information.) - None.
Foreign application information must be provided in an Application Data Sheet in order to constitute a claim to foreign priority. See 37 CFR 1.55 and 1.76.

Permission to Access Application via Priority Document Exchange: Yes

Permission to Access Search Results: Yes

Applicant may provide or rescind an authorization for access using Form PTO/SB/39 or Form PTO/SB/69 as appropriate.

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 366 of 439

If Required, Foreign Filing License Granted: 09/21/2021

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 17/472,031**

Projected Publication Date: 03/16/2023

Non-Publication Request: No

Early Publication Request: No

Title

Messaging Conference Participants Prior To Joining A Conference

Preliminary Class

709

Statement under 37 CFR 1.55 or 1.78 for AIA (First Inventor to File) Transition Applications: No

PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at http://www.uspto.gov/web/offices/pac/doc/general/index.html.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, http://www.stopfakes.gov. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4258).

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 367 of 439

LICENSE FOR FOREIGN FILING UNDER

Title 35, United States Code, Section 184

Title 37, Code of Federal Regulations, 5.11 & 5.15

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Bureau of Industry and Security, Department of Commerce (15 CFR parts 730-774); the Office of Foreign AssetsControl, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

SelectUSA

The United States represents the largest, most dynamic marketplace in the world and is an unparalleled location for business investment, innovation, and commercialization of new technologies. The U.S. offers tremendous resources and advantages for those who invest and manufacture goods here. Through SelectUSA, our nation works to promote and facilitate business investment. SelectUSA provides information assistance to the international investor community; serves as an ombudsman for existing and potential investors; advocates on behalf of U.S. cities, states, and regions competing for global investment; and counsels U.S. economic development organizations on investment attraction best practices. To learn more about why the United States is the best country in the world to develop technology, manufacture products, deliver services, and grow your business, visit http://www.SelectUSA.gov or call +1-202-482-6800.

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 368 of 439

Doc Code: PA..
Document Description: Power of Attorney

PTO/AIA/82A (07-13)
Approved for use through 03/31/2021. OMB 0651-0035
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FOR POWER OF ATTORNEY TO ONE OR MORE REGISTERED PRACTITIONERS

NOTE: This form is to be submitted with the Power of Attorney by Applicant form (PTO/AIA/82B) to identify the application to which the Power of Attorney is directed, in accordance with 37 CFR 1.5, unless the application number and filing date are identified in the Power of Attorney by Applicant form. If neither form PTO/AIA/82A nor form PTO/AIA82B identifies the application to which the Power of Attorney is directed, the Power of Attorney will not be recognized in the application.

Application Number	Not Yet Assigned
Filing Date	Concurrently Herewith
First Named Inventor	Nick Swerdlow
Title	Messaging Conference Participants Prior To Joining A Conference
Art Unit	N/A
Examiner Name	Not Yet Assigned
Attorney Docket Number	ZOOM-164-B

SIGNATURE of Applicant or Patent Practitioner

Signature	/Neil C. Maskeri/	Date (Optional)	September 10, 2021
Name	Neil C. Maskeri	Registration Number	61,591
Title (if Applicant is a juristic entity)			
Applicant Name (if Applicant is a juristic entity)			

NOTE: This form must be signed in accordance with 37 CFR 1.33. See 37 CFR 1.4(d) for signature requirements and certifications. If more than one applicant, use multiple forms.

☐ *Total of 1 forms are submitted.

Doc Code: PA..
Document Description: Power of Attorney

PTO/AIA/82B (07-13)
Approved for use through 03/31/2021. OMB 0651-0035
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

POWER OF ATTORNEY BY APPLICANT

I hereby revoke all previous powers of attorney given in the application identified in either the attached transmittal letter or the boxes below.

Application Number	Filing Date

(Note: The boxes above may be left blank if information is provided on form PTO/AIA/82A.)

[X] I hereby appoint the Patent Practitioner(s) associated with the following Customer Number as my/our attorney(s) or agent(s), and to transact all business in the United States Patent and Trademark Office connected therewith for the application referenced in the attached transmittal letter (form PTO/AIA/82A) or identified above: 177453

OR

[ ] I hereby appoint Practitioner(s) named in the attached list (form PTO/AIA/82C) as my/our attorney(s) or agent(s), and to transact all business in the United States Patent and Trademark Office connected therewith for the patent application referenced in the attached transmittal letter (form PTO/AIA/82A) or identified above. (Note: Complete form PTO/AIA/82C.)

Please recognize or change the correspondence address for the application identified in the attached transmittal letter or the boxes above to:

[X] The address associated with the above-mentioned Customer Number

OR

[ ] The address associated with Customer Number:

OR

[ ] Firm or Individual Name					
Address					
City		State		Zip	
Country					
Telephone		Email			

I am the Applicant (if the Applicant is a juristic entity, list the Applicant name in the box):

Zoom Video Communications, Inc.

[ ] Inventor or Joint Inventor (title not required below)

[ ] Legal Representative of a Deceased or Legally Incapacitated Inventor (title not required below)

[X] Assignee or Person to Whom the Inventor is Under an Obligation to Assign (provide signer's title if applicant is a juristic entity)

[ ] Person Who Otherwise Shows Sufficient Proprietary Interest (e.g., a petition under 37 CFR 1.46(b)(2) was granted in the application or is concurrently being filed with this document) (provide signer's title if applicant is a juristic entity)

SIGNATURE of Applicant for Patent

The undersigned (whose title is supplied below) is authorized to act on behalf of the applicant (e.g., where the applicant is a juristic entity).

Signature	Lopa Sengupta	Date (Optional)	JANUARY 27, 2021
Name	Lopa Sengupta		
Title	Senior Counsel, Patent Portfolio at Zoom Video Communications, Inc.		

NOTE: Signature - This form must be signed by the applicant in accordance with 37 CFR 1.33. See 37 CFR 1.4 for signature requirements and certifications. If more than one applicant, use multiple forms.

[ ] Total of 1 forms are submitted.

Electronic Patent Application Fee Transmittal

Application Number:	
Filing Date:	
Title of Invention:	Messaging Conference Participants Prior To Joining A Conference
First Named Inventor/Applicant Name:	Nick Swerdlow
Filer:	Neil C. Maskeri/Jessica Tumblin
Attorney Docket Number:	ZOOM-164-B

Filed as Large Entity

Filing Fees for Utility under 35 USC 111(a)

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Basic Filing:				
UTILITY APPLICATION FILING	1011	1	320	320
UTILITY SEARCH FEE	1111	1	700	700
UTILITY EXAMINATION FEE	1311	1	800	800
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				
Miscellaneous:				
			Total in USD ($)	**1820**

Electronic Acknowledgement Receipt

EFS ID:	43736583
Application Number:	17472031
International Application Number:	
Confirmation Number:	4940
Title of Invention:	Messaging Conference Participants Prior To Joining A Conference
First Named Inventor/Applicant Name:	Nick Swerdlow
Customer Number:	177453
Filer:	Neil C. Maskeri/Jessica Tumblin
Filer Authorized By:	Neil C. Maskeri
Attorney Docket Number:	ZOOM-164-B
Receipt Date:	10-SEP-2021
Filing Date:	
Time Stamp:	16:18:03
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	DA
Payment was successfully received in RAM	$1820
RAM confirmation Number	E202190G18271945
Deposit Account	250115
Authorized User	Jessica Tumblin

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

37 CFR 1.17 (Patent application and reexamination processing fees)

37 CFR 1.19 (Document supply fees)

37 CFR 1.20 (Post Issuance fees)

37 CFR 1.21 (Miscellaneous fees and charges)

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Application Data Sheet	ZOOM164B_Application_Data_Sheet_Fillable_PDF_20210910.pdf	1255384 12017636269c50f8dd4add394ce8dbedc008174a	no	8
Warnings:					
Information:					
2	Information Disclosure Statement (IDS) Form (SB08)	ZOOM164B_Information_Disclosure_Statement_Fillable_PDF_20210910.pdf	1034251 64a7d888ea9fdc51d1abad37fe34905c53898d3b	no	4
Warnings:					
Information:					
3		ZOOM164B_Application.pdf	164985 9700453bea4272edc3b7bdeb69eda35c0925162f	yes	41

Multipart Description/PDF files in .zip description

Document Description	Start	End
Specification	1	36
Claims	37	40
Abstract	41	41

Warnings:					
Information:					
4	Drawings-only black and white line drawings	ZOOM164B_Drawings.pdf	139925 d8de71270742b52a534a165c1f29951ac1f7a274	no	10
Warnings:					
Information:					
5	Oath or Declaration filed	ZOOM164B_ExecutedDec.pdf	69948 c14dd8d02fbf306a2f54d4c997e8258abf10df33	no	1

Warnings:					
Information:					
6	Power of Attorney	ZOOM164B_POATransmittal.pdf	16153 0ecba720cbb7161c4c96289fd5af9c7e2bdfd437	no	1
Warnings:					
Information:					
7	Power of Attorney	Zoom_POA_Executed_-_US_General.pdf	349029 5fa155b9bc237b856aee93907fb549e5b2d2563c	no	1
Warnings:					
Information:					
8	Fee Worksheet (SB06)	fee-info.pdf	44384 4c5ae8deeaad8580e330d0f8d23ae21a9fc19653	no	2
Warnings:					
Information:					
		Total Files Size (in bytes):	3074059		

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

PTO/AIA/14 (02-18)
Approved for use through 11/30/2020. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	ZOOM-164-B
	Application Number	
Title of Invention	Messaging Conference Participants Prior To Joining A Conference	

The application data sheet is part of the provisional or nonprovisional application for which it is being submitted. The following form contains the bibliographic data arranged in a format specified by the United States Patent and Trademark Office as outlined in 37 CFR 1.76.
This document may be completed electronically and submitted to the Office in electronic format using the Electronic Filing System (EFS) or the document may be printed and included in a paper filed application.

Secrecy Order 37 CFR 5.2:

☐ Portions or all of the application associated with this Application Data Sheet may fall under a Secrecy Order pursuant to 37 CFR 5.2 (Paper filers only. Applications that fall under Secrecy Order may not be filed electronically.)

Inventor Information:

Inventor 1 — Remove

Legal Name

Prefix	Given Name	Middle Name	Family Name	Suffix
	Nick		Swerdlow	

Residence Information (Select One) ● US Residency Non US Residency Active US Military Service

City	State/Province	Country of Residence
Santa Clara	CA	US

Mailing Address of Inventor:

Address 1	55 Almaden Blvd.
Address 2	6th Floor

City	State/Province	Postal Code	Country
San Jose	CA	95113	US

All Inventors Must Be Listed - Additional Inventor Information blocks may be generated within this form by selecting the **Add** button. Add

Correspondence Information:

Enter either Customer Number or complete the Correspondence Information section below.
For further information see 37 CFR 1.33(a).

☐ **An Address is being provided for the correspondence Information of this application.**

Customer Number	177453		
Email Address	docketing@youngbasile.com	Add Email	Remove Email

Application Information:

Title of the Invention	Messaging Conference Participants Prior To Joining A Conference		
Attorney Docket Number	ZOOM-164-B	**Small Entity Status Claimed**	☐
Application Type	Nonprovisional		
Subject Matter	Utility		
Total Number of Drawing Sheets (if any)	10	**Suggested Figure for Publication (if any)**	

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 376 of 439

PTO/AIA/14 (02-18)
Approved for use through 11/30/2020. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	ZOOM-164-B
	Application Number	
Title of Invention	Messaging Conference Participants Prior To Joining A Conference	

Filing By Reference:

Only complete this section when filing an application by reference under 35 U.S.C. 111(c) and 37 CFR 1.57(a). Do not complete this section if application papers including a specification and any drawings are being filed. Any domestic benefit or foreign priority information must be provided in the appropriate section(s) below (i.e., "Domestic Benefit/National Stage Information" and "Foreign Priority Information").

For the purposes of a filing date under 37 CFR 1.53(b), the description and any drawings of the present application are replaced by this reference to the previously filed application, subject to conditions and requirements of 37 CFR 1.57(a).

Application number of the previously filed application	Filing date (YYYY-MM-DD)	Intellectual Property Authority or Country

Publication Information:

☐ Request Early Publication (Fee required at time of Request 37 CFR 1.219)

☐ **Request Not to Publish.** I hereby request that the attached application not be published under 35 U.S.C. 122(b) and certify that the invention disclosed in the attached application **has not and will not** be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication at eighteen months after filing.

Representative Information:

Representative information should be provided for all practitioners having a power of attorney in the application. Providing this information in the Application Data Sheet does not constitute a power of attorney in the application (see 37 CFR 1.32).
Either enter Customer Number or complete the Representative Name section below. If both sections are completed the customer Number will be used for the Representative Information during processing.

Please Select One:	● Customer Number	US Patent Practitioner	○ Limited Recognition (37 CFR 11.9)
Customer Number	48980		

Domestic Benefit/National Stage Information:

This section allows for the applicant to either claim benefit under 35 U.S.C. 119(e), 120, 121, 365(c), or 386(c) or indicate National Stage entry from a PCT application. Providing benefit claim information in the Application Data Sheet constitutes the specific reference required by 35 U.S.C. 119(e) or 120, and 37 CFR 1.78.
When referring to the current application, please leave the "Application Number" field blank.

Prior Application Status			Remove
Application Number	Continuity Type	Prior Application Number	Filing or 371(c) Date (YYYY-MM-DD)

Additional Domestic Benefit/National Stage Data may be generated within this form by selecting the **Add** button. Add

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 377 of 439

PTO/AIA/14 (02-18)
Approved for use through 11/30/2020. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	ZOOM-164-B
	Application Number	
Title of Invention	Messaging Conference Participants Prior To Joining A Conference	

Foreign Priority Information:

This section allows for the applicant to claim priority to a foreign application. Providing this information in the application data sheet constitutes the claim for priority as required by 35 U.S.C. 119(b) and 37 CFR 1.55. When priority is claimed to a foreign application that is eligible for retrieval under the priority document exchange program (PDX)[i] the information will be used by the Office to automatically attempt retrieval pursuant to 37 CFR 1.55(i)(1) and (2). Under the PDX program, applicant bears the ultimate responsibility for ensuring that a copy of the foreign application is received by the Office from the participating foreign intellectual property office, or a certified copy of the foreign priority application is filed, within the time period specified in 37 CFR 1.55(g)(1).

Remove

Application Number	Country[i]	Filing Date (YYYY-MM-DD)	Access Code[i] (if applicable)

Additional Foreign Priority Data may be generated within this form by selecting the **Add** button. Add

Statement under 37 CFR 1.55 or 1.78 for AIA (First Inventor to File) Transition Applications

☐ This application (1) claims priority to or the benefit of an application filed before March 16, 2013 and (2) also contains, or contained at any time, a claim to a claimed invention that has an effective filing date on or after March 16, 2013.
NOTE: By providing this statement under 37 CFR 1.55 or 1.78, this application, with a filing date on or after March 16, 2013, will be examined under the first inventor to file provisions of the AIA.

PTO/AIA/14 (02-18)
Approved for use through 11/30/2020. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	ZOOM-164-B
	Application Number	
Title of Invention	Messaging Conference Participants Prior To Joining A Conference	

Authorization or Opt-Out of Authorization to Permit Access:

When this Application Data Sheet is properly signed and filed with the application, applicant has provided written authority to permit a participating foreign intellectual property (IP) office access to the instant application-as-filed (see paragraph A in subsection 1 below) and the European Patent Office (EPO) access to any search results from the instant application (see paragraph B in subsection 1 below).

Should applicant choose not to provide an authorization identified in subsection 1 below, applicant **must opt-out** of the authorization by checking the corresponding box A or B or both in subsection 2 below.

NOTE: This section of the Application Data Sheet is **ONLY** reviewed and processed with the **INITIAL** filing of an application. After the initial filing of an application, an Application Data Sheet cannot be used to provide or rescind authorization for access by a foreign IP office(s). Instead, Form PTO/SB/39 or PTO/SB/69 must be used as appropriate.

1. Authorization to Permit Access by a Foreign Intellectual Property Office(s)

A. Priority Document Exchange (PDX) - Unless box A in subsection 2 (opt-out of authorization) is checked, the undersigned hereby **grants the USPTO authority** to provide the European Patent Office (EPO), the Japan Patent Office (JPO), the Korean Intellectual Property Office (KIPO), the State Intellectual Property Office of the People's Republic of China (SIPO), the World Intellectual Property Organization (WIPO), and any other foreign intellectual property office participating with the USPTO in a bilateral or multilateral priority document exchange agreement in which a foreign application claiming priority to the instant patent application is filed, access to: (1) the instant patent application-as-filed and its related bibliographic data, (2) any foreign or domestic application to which priority or benefit is claimed by the instant application and its related bibliographic data, and (3) the date of filing of this Authorization. See 37 CFR 1.14(h)(1).

B. Search Results from U.S. Application to EPO - Unless box B in subsection 2 (opt-out of authorization) is checked, the undersigned hereby **grants the USPTO authority** to provide the EPO access to the bibliographic data and search results from the instant patent application when a European patent application claiming priority to the instant patent application is filed. See 37 CFR 1.14(h)(2).

The applicant is reminded that the EPO's Rule 141(1) EPC (European Patent Convention) requires applicants to submit a copy of search results from the instant application without delay in a European patent application that claims priority to the instant application.

2. Opt-Out of Authorizations to Permit Access by a Foreign Intellectual Property Office(s)

☐ A. Applicant **DOES NOT** authorize the USPTO to permit a participating foreign IP office access to the instant application-as-filed. If this box is checked, the USPTO will not be providing a participating foreign IP office with any documents and information identified in subsection 1A above.

☐ B. Applicant **DOES NOT** authorize the USPTO to transmit to the EPO any search results from the instant patent application. If this box is checked, the USPTO will not be providing the EPO with search results from the instant application.

NOTE: Once the application has published or is otherwise publicly available, the USPTO may provide access to the application in accordance with 37 CFR 1.14.

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 379 of 439

PTO/AIA/14 (02-18)
Approved for use through 11/30/2020. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	ZOOM-164-B
	Application Number	
Title of Invention	Messaging Conference Participants Prior To Joining A Conference	

Applicant Information:

Providing assignment information in this section does not substitute for compliance with any requirement of part 3 of Title 37 of CFR to have an assignment recorded by the Office.

Applicant 1 — Remove

If the applicant is the inventor (or the remaining joint inventor or inventors under 37 CFR 1.45), this section should not be completed. The information to be provided in this section is the name and address of the legal representative who is the applicant under 37 CFR 1.43; or the name and address of the assignee, person to whom the inventor is under an obligation to assign the invention, or person who otherwise shows sufficient proprietary interest in the matter who is the applicant under 37 CFR 1.46. If the applicant is an applicant under 37 CFR 1.46 (assignee, person to whom the inventor is obligated to assign, or person who otherwise shows sufficient proprietary interest) together with one or more joint inventors, then the joint inventor or inventors who are also the applicant should be identified in this section.

Clear

● Assignee	Legal Representative under 35 U.S.C. 117	Joint Inventor
Person to whom the inventor is obligated to assign.	Person who shows sufficient proprietary interest	

If applicant is the legal representative, indicate the authority to file the patent application, the inventor is:

Name of the Deceased or Legally Incapacitated Inventor:

If the Applicant is an Organization check here. ☒

Organization Name	Zoom Video Communications, Inc.		
Mailing Address Information For Applicant:			
Address 1	55 Almaden Blvd.		
Address 2	6th Floor		
City	San Jose	**State/Province**	CA
Country	US	Postal Code	95113
Phone Number	(888) 799-9666	Fax Number	
Email Address			

Additional Applicant Data may be generated within this form by selecting the Add button. Add

Assignee Information including Non-Applicant Assignee Information:

Providing assignment information in this section does not substitute for compliance with any requirement of part 3 of Title 37 of CFR to have an assignment recorded by the Office.

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 380 of 439

PTO/AIA/14 (02-18)
Approved for use through 11/30/2020. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	ZOOM-164-B
	Application Number	
Title of Invention	Messaging Conference Participants Prior To Joining A Conference	

Assignee 1

Complete this section if assignee information, including non-applicant assignee information, is desired to be included on the patent application publication. An assignee-applicant identified in the "Applicant Information" section will appear on the patent application publication as an applicant. For an assignee-applicant, complete this section only if identification as an assignee is also desired on the patent application publication.

Remove

If the Assignee or Non-Applicant Assignee is an Organization check here. ☐

Prefix	**Given Name**	Middle Name	**Family Name**	Suffix

Mailing Address Information For Assignee including Non-Applicant Assignee:

Address 1			
Address 2			
City		**State/Province**	
Country i		Postal Code	
Phone Number		Fax Number	
Email Address			

Additional Assignee or Non-Applicant Assignee Data may be generated within this form by selecting the Add button. Add

Signature:

Remove

NOTE: This Application Data Sheet must be signed in accordance with 37 CFR 1.33(b). **However, if this Application Data Sheet is submitted with the INITIAL filing of the application and either box A or B is not checked in subsection 2 of the "Authorization or Opt-Out of Authorization to Permit Access" section, then this form must also be signed in accordance with 37 CFR 1.14(c).**

This Application Data Sheet **must** be signed by a patent practitioner if one or more of the applicants is a **juristic entity** (e.g., corporation or association). If the applicant is two or more joint inventors, this form must be signed by a patent practitioner, **all** joint inventors who are the applicant, or one or more joint inventor-applicants who have been given power of attorney (e.g., see USPTO Form PTO/AIA/81) on behalf of **all** joint inventor-applicants.

See 37 CFR 1.4(d) for the manner of making signatures and certifications.

Signature	/Neil C. Maskeri/			Date (YYYY-MM-DD)	2021-09-10
First Name	Neil	Last Name	Maskeri	Registration Number	61,591

Additional Signature may be generated within this form by selecting the Add button. Add

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 381 of 439

PTO/AIA/14 (02-18)
Approved for use through 11/30/2020. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	ZOOM-164-B
	Application Number	
Title of Invention	Messaging Conference Participants Prior To Joining A Conference	

This collection of information is required by 37 CFR 1.76. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 23 minutes to complete, including gathering, preparing, and submitting the completed application data sheet form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 382 of 439

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1 The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these records.

2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.

3 A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.

4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).

5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent CooperationTreaty.

6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).

7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.

8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.

9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 383 of 439

PTO/SB/08a (02-18)
Approved for use through 11/30/2020. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Not for submission under 37 CFR 1.99)

Application Number	
Filing Date	
First Named Inventor	Nick Swerdlow
Art Unit	N/A
Examiner Name	Not Yet Assigned
Attorney Docket Number	ZOOM-164-B

U.S.PATENTS Remove

Examiner Initial*	Cite No	Patent Number	Kind Code[1]	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	6853398		2005-02-08	Malzbender et al.	
	2	7603412		2009-10-13	Beyda	
	3	9165290		2015-10-20	Wessling et al.	

If you wish to add additional U.S. Patent citation information please click the Add button. Add

U.S.PATENT APPLICATION PUBLICATIONS Remove

Examiner Initial*	Cite No	Publication Number	Kind Code[1]	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	20110107228	A1	2011-05-05	Huang	
	2	20070239827	A1	2007-10-11	Deboy et al.	
	3	20030189601	A1	2003-10-09	Ben-Shachar et al.	

If you wish to add additional U.S. Published Application citation information please click the Add button. Add

FOREIGN PATENT DOCUMENTS Remove

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	
	Filing Date	
	First Named Inventor	Nick Swerdlow
	Art Unit	N/A
	Examiner Name	Not Yet Assigned
	Attorney Docket Number	ZOOM-164-B

Examiner Initial*	Cite No	Foreign Document Number[3]	Country Code[2] i	Kind Code[4]	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	T[5]
	1							

If you wish to add additional Foreign Patent Document citation information please click the Add button Add

NON-PATENT LITERATURE DOCUMENTS Remove

Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T[5]
	1		

If you wish to add additional non-patent literature document citation information please click the Add button Add

EXAMINER SIGNATURE

Examiner Signature		Date Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through a citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

[1] See Kind Codes of USPTO Patent Documents at www.USPTO.GOV or MPEP 901.04. [2] Enter office that issued the document, by the two-letter code (WIPO Standard ST.3). [3] For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. [4] Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. [5] Applicant is to place a check mark here if English language translation is attached.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	
	Filing Date	
	First Named Inventor	Nick Swerdlow
	Art Unit	N/A
	Examiner Name	Not Yet Assigned
	Attorney Docket Number	ZOOM-164-B

CERTIFICATION STATEMENT

Please see 37 CFR 1.97 and 1.98 to make the appropriate selection(s):

That each item of information contained in the information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(1).

OR

☐ That no item of information contained in the information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing the certification after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of the information disclosure statement. See 37 CFR 1.97(e)(2).

See attached certification statement.

The fee set forth in 37 CFR 1.17 (p) has been submitted herewith.

☒ A certification statement is not submitted herewith.

SIGNATURE

A signature of the applicant or representative is required in accordance with CFR 1.33, 10.18. Please see CFR 1.4(d) for the form of the signature.

Signature	/Neil C. Maskeri/	Date (YYYY-MM-DD)	2021-09-10
Name/Print	Neil C. Maskeri	Registration Number	61,591

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 1 hour to complete, including gathering, preparing and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C. 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether the Freedom of Information Act requires disclosure of these record s.

2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.

3. A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.

4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).

5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.

6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).

7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.

8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspections or an issued patent.

9. A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

MESSAGING CONFERENCE PARTICIPANTS PRIOR TO JOINING A CONFERENCE

BACKGROUND

[0001] Enterprise entities rely upon several modes of communication to support their operations, including telephone, email, internal messaging, and the like. These separate modes of communication have historically been implemented by service providers whose services are not integrated with one another. The disconnect between these services, in at least some cases, requires information to be manually passed by users from one service to the next. Furthermore, some services, such as telephony services, are traditionally delivered via on-premises systems, meaning that remote workers and those who are generally increasingly mobile may be unable to rely upon them. One type of system which addresses problems such as these includes a unified communications as a service (UCaaS) platform, which includes several communications services accessible over a network, such as the Internet, to deliver a complete communication experience regardless of physical location.

SUMMARY

[0002] Disclosed herein are, *inter alia*, implementations of systems and techniques for enabling access to conference features at a client device without a connection between the client device and a conference.

[0003] One aspect of this disclosure is a method that may include obtaining information associated with a conference that is in progress. The method may include transmitting a graphical output to display on a client device. The graphical output may be based on the information. Prior to the client device joining the conference, the method may include receiving a message from the client device to initiate a communication with a participant device that is present in the conference. Prior to the client device joining the conference, the method may include granting the client device access to an in-conference communication application associated with the conference based on the message to communicate with the participant device.

[0004] Another aspect of this disclosure is a system for conference messaging. The system may include a server and a client device. The server may be configured to transmit a graphical

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 388 of 439

output associated with a conference that is in progress. The client device may be configured to display the graphical output on a display of the client device. Prior to the client device joining the conference, the server may be configured to receive a message from the client device to initiate a communication with a participant device that is present in the conference. Prior to the client device joining the conference, the server may be configured to grant the client device access to an in-conference communication application associated with the conference based on the message to communicate with the participant device. Prior to the client device joining the conference, the client device may be configured to communicate with the participant device via the in-conference communication application.

[0005] Another aspect of this disclosure is a non-transitory computer-readable storage device including program instructions that, when executed by a processor, cause the processor to perform operations. The operations may include obtaining information associated with a conference that is in progress. The operations may include transmitting a graphical output to display on a client device. The graphical output may be based on the information. Prior to the client device joining the conference, the operations may include receiving a message from the client device to initiate a communication with a participant device that is present in the conference. Prior to the client device joining the conference, the operations may include granting the client device access to an in-conference communication application associated with the conference based on the message to communicate with the participant device.

BRIEF DESCRIPTION OF THE DRAWINGS

[0006] This disclosure is best understood from the following detailed description when read in conjunction with the accompanying drawings. It is emphasized that, according to common practice, the various features of the drawings are not to-scale. On the contrary, the dimensions of the various features are arbitrarily expanded or reduced for clarity.

[0007] FIG. 1 is a block diagram of an example of an electronic computing and communications system.

[0008] FIG. 2 is a block diagram of an example internal configuration of a computing device of an electronic computing and communications system.

[0009] FIG. 3 is a block diagram of an example of a software platform implemented by an electronic computing and communications system.

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 389 of 439

[0010] FIG. 4 is a block diagram of an example of a system for providing a client device access to conference features without a connection between the client device and the conference.

[0011] FIG. 5 is a swim lane diagram of an example of a system for providing a client device access to conference participant information without a connection between the client device and the conference.

[0012] FIG. 6 is a swim lane diagram of an example of a system for providing a client device access to a conference messaging application without a connection between the client device and the conference.

[0013] FIG. 7 is a swim lane diagram of an example of a system for providing a client device access to conference items without a connection between the client device and the conference.

[0014] FIG. 8 is a flowchart of an example of a method for providing a client device access to conference participant information without a connection between the client device and the conference.

[0015] FIG. 9 is a flowchart of an example of a method for providing a client device access to a conference messaging application without a connection between the client device and the conference.

[0016] FIG. 10 is a flowchart of an example of a method for providing a client device access to conference items without a connection between the client device and the conference.

DETAILED DESCRIPTION

[0017] A software platform, such as a UCaaS platform, may facilitate a conference between multiple participants, such as over conferencing software of the software platform. Typically, a user of conferencing software must first join a conference before being able to access features of that conference, for example, a list of other participants who have already joined the conference, functionality for messaging those participants who have already joined the conference, and an agenda for the conference. In particular, because conventional conferencing software systems require a channel be opened between a user device and the server implementing a conference before conference features can be accessed by a user, such systems do not allow a user to preview conference features without joining a conference. This technical limitation creates challenges in several types of scenarios, as will be discussed.

[0018] In one example, where a user is running late to a conference, the user may find

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 390 of 439

themselves frustrated when they join the conference late only to find out that no other participants have joined or that the stakeholders have not yet joined. Often times the user may leave a current conference early, before it ends, in order to timely join a next conference only to find themselves waiting for other late participants. Knowing in advance which participants have joined such a next conference can help the user determine an appropriate time to join the conference, whether by leaving a current conference or otherwise. However, conventional conferencing software systems do not have the capability to allow a user device to access participant information for a conference without the user device connecting to the conference.

[0019] In another example, where a user is running late for a conference in progress, the user may want to contact one or more participants that have already joined the conference to notify them that they are running late or for other purposes. A typical solution is that the user sends an email to all the invitees of the conference; however, this is wasteful and annoying for invitees who declined the conference invitation, and in many cases the conference participants who are actively paying attention to the conference may simply ignore the email message. Conventional conferencing software systems do not have the capability to allow the user, via their user device, to communicate with one or more participants in the conference using an in-conference communication application without the user device connecting to the conference.

[0020] In yet another example, a user may join a conference without having any idea of what the conference is about. This could be because the user has consecutive conferences scheduled throughout the day and does not have time to prepare for a particular conference, the user has overlapping scheduled conferences, the user has multiple conferences scheduled for the same time slot, the title of the conference is ambiguous (e.g., "discuss problems"), or any combination thereof. Joining a conference unprepared can be embarrassing for the user and a waste of time for other conference participants while the user is briefed on the missed portion of the conference. In this situation, the user may want to preview one or more conference items prior to joining the conference in progress. The one or more conference items may include, and are not limited to, a list of topics to be addressed during the conference (e.g., an agenda), a presentation (e.g., a screen share), a real-time transcript, or any file or document that is associated with the conference. However, conventional conferencing software systems do not have the capability to allow a user device to access conference items without the user device connecting to the conference.

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 391 of 439

[0021] Implementations of this disclosure address problems such as these a using a conferencing system that enables client device access to one or more conference features prior to the client device joining a conference. The conferencing system may generate and store a conference object when a conference is initiated. The conference object may represent a conference that is in progress, a future conference, or a conference that occurred in the past. The conference object can include a list of conference participants, participant messaging data, one or more conference items, or any combination thereof. Each conference participant is associated with an attribute that indicates whether they accepted the conference invite, declined the conference invite, has joined the conference, a messaging status, a presentation status, an audio status, a video status, or any combination thereof. The participant messaging data may include a log of participant chat messages in a conference chat room, for example.

[0022] In an example, to enable a user of a client device to preview the participants in a conference without the client device connecting to the conference, the conferencing system may obtain calendar data to generate a graphical output. The graphical output may be a graphical user interface that includes a conference description, a conference topic or list thereof, a conference start time, a conference end time, a conference location, two or more conference participants, two or more conference participant invite statuses, or any combination thereof. The conferencing system is configured to transmit the graphical output for display on a client device that has not yet joined the conference. The conferencing system is configured to determine participant information. The participant information may include a participant invite status, a participant attendance status, a participant attendance time, a participant audio status, a participant video status, a representation of a participant, or any combination thereof. The participant invite status may include an indicator that indicates whether a given participant accepted or declined the conference invite. The participant attendance status may include an indicator that indicates that a given participant has joined the conference, has not joined the conference, or joined the conference and subsequently left the conference. The participant attendance time may include an indicator that indicates a time that a given participant joined the conference or a duration of time that the participant has been in the conference. The participant audio status may include an indicator that indicates that at a given time a given participant's microphone is on, the participant's microphone is muted, or that the participant is speaking. The participant video status may include an indicator that indicates that at a given time a given participant's video is on, the

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 392 of 439

participant's video is off, or that the participant is presenting in the conference. A representation of the participant may include an avatar, a photograph, an icon, text, or any combination thereof. The conferencing system is configured to transmit a graphical output based on the participant information for display on the client device.

[0023] In an example, to enable a user of a client device to message one or more conference participants without the client device connecting to a conference, the conferencing system is configured to obtain information regarding the conference, which may be a conference in-progress. The conference information can include a conference description, a conference topic or list thereof, a conference start time, a conference end time, a conference location, participant information, or any combination thereof. The conferencing system is configured to transmit a graphical output based on the conference information to a client device for display. Prior to the client device joining the conference, the conferencing system is configured to receive a message to initiate a communication with a participant that is in the conference. The communication may be a text communication, such as a chat, an audio communication, such as an audio chat, a video communication, such as a video chat, or any combination thereof. The conferencing system is configured to grant the client device access to communicate with the participant in the conference. In one example, when the client device is granted access to communicate with the participant in the conference, the client device may access an in-conference communication application to communicate with the participant. An in-conference communication application may be a chat room associated with a conference in progress that is configured for text messaging, audio messaging, video messaging, or any combination thereof. In another example, when the client device is granted access to communicate with the participant in the conference, the client device may access a communication application that is not associated with the conference to communicate with the participant.

[0024] In an example, to enable a user of a client device to preview one or more conference items without the client device connecting to a conference, the conferencing system is configured to obtain a conference item and transmit a graphical output based on the conference item to a client device for display. The conference item may include an editable document, an agenda or list of topics, a real-time transcript, a downloadable file, or a real-time presentation. The conferencing system is configured to receive a request to view the conference item and transmit a graphical output to the client device based on the request to display the conference item.

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 393 of 439

[0025] To describe some implementations in greater detail, reference is first made to examples of hardware and software structures used to implement a system for providing a client device access to conference features without a connection between the client device and the conference. FIG. 1 is a block diagram of an example of an electronic computing and communications system 100, which can be or include a distributed computing system (e.g., a client-server computing system), a cloud computing system, a clustered computing system, or the like.

[0026] The system 100 includes one or more customers, such as customers 102A through 102B, which may each be a public entity, private entity, or another corporate entity or individual that purchases or otherwise uses software services, such as of a UCaaS platform provider. Each customer can include one or more clients. For example, as shown and without limitation, the customer 102A can include clients 104A through 104B, and the customer 102B can include clients 104C through 104D. A customer can include a customer network or domain. For example, and without limitation, the clients 104A through 104B can be associated or communicate with a customer network or domain for the customer 102A and the clients 104C through 104D can be associated or communicate with a customer network or domain for the customer 102B.

[0027] A client, such as one of the clients 104A through 104D, may be or otherwise refer to one or both of a client device or a client application. Where a client is or refers to a client device, the client can comprise a computing system, which can include one or more computing devices, such as a mobile phone, a tablet computer, a laptop computer, a notebook computer, a desktop computer, or another suitable computing device or combination of computing devices. Where a client instead is or refers to a client application, the client can be an instance of software running on a customer device (e.g., a client device or another device). In some implementations, a client can be implemented as a single physical unit or as a combination of physical units. In some implementations, a single physical unit can include multiple clients.

[0028] The system 100 can include a number of customers and/or clients or can have a configuration of customers or clients different from that generally illustrated in FIG. 1. For example, and without limitation, the system 100 can include hundreds or thousands of customers, and at least some of the customers can include or be associated with a number of clients.

[0029] The system 100 includes a datacenter 106, which may include one or more servers. The datacenter 106 can represent a geographic location, which can include a facility, where the

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 394 of 439

one or more servers are located. The system 100 can include a number of datacenters and servers or can include a configuration of datacenters and servers different from that generally illustrated in FIG. 1. For example, and without limitation, the system 100 can include tens of datacenters, and at least some of the datacenters can include hundreds or another suitable number of servers. In some implementations, the datacenter 106 can be associated or communicate with one or more datacenter networks or domains, which can include domains other than the customer domains for the customers 102A through 102B.

[0030] The datacenter 106 includes servers used for implementing software services of a UCaaS platform. The datacenter 106 as generally illustrated includes an application server 108, a database server 110, and a telephony server 112. The servers 108 through 112 can each be a computing system, which can include one or more computing devices, such as a desktop computer, a server computer, or another computer capable of operating as a server, or a combination thereof. A suitable number of each of the servers 108 through 112 can be implemented at the datacenter 106. The UCaaS platform uses a multi-tenant architecture in which installations or instantiations of the servers 108 through 112 is shared amongst the customers 102A through 102B.

[0031] In some implementations, one or more of the servers 108 through 112 can be a non-hardware server implemented on a physical device, such as a hardware server. In some implementations, a combination of two or more of the application server 108, the database server 110, and the telephony server 112 can be implemented as a single hardware server or as a single non-hardware server implemented on a single hardware server. In some implementations, the datacenter 106 can include servers other than or in addition to the servers 108 through 112, for example, a media server, a proxy server, or a web server.

[0032] The application server 108 runs web-based software services deliverable to a client, such as one of the clients 104A through 104D. As described above, the software services may be of a UCaaS platform. For example, the application server 108 can implement all or a portion of a UCaaS platform, including conferencing software, messaging software, and/or other intra-party or inter-party communications software. The application server 108 may, for example, be or include a unitary Java Virtual Machine (JVM).

[0033] In some implementations, the application server 108 can include an application node, which can be a process executed on the application server 108. For example, and without

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 395 of 439

limitation, the application node can be executed in order to deliver software services to a client, such as one of the clients 104A through 104D, as part of a software application. The application node can be implemented using processing threads, virtual machine instantiations, or other computing features of the application server 108. In some such implementations, the application server 108 can include a suitable number of application nodes, depending upon a system load or other characteristics associated with the application server 108. For example, and without limitation, the application server 108 can include two or more nodes forming a node cluster. In some such implementations, the application nodes implemented on a single application server 108 can run on different hardware servers.

[0034] The database server 110 stores, manages, or otherwise provides data for delivering software services of the application server 108 to a client, such as one of the clients 104A through 104D. In particular, the database server 110 may implement one or more databases, tables, or other information sources suitable for use with a software application implemented using the application server 108. The database server 110 may include a data storage unit accessible by software executed on the application server 108. A database implemented by the database server 110 may be a relational database management system (RDBMS), an object database, an XML database, a configuration management database (CMDB), a management information base (MIB), one or more flat files, other suitable non-transient storage mechanisms, or a combination thereof. The system 100 can include one or more database servers, in which each database server can include one, two, three, or another suitable number of databases configured as or comprising a suitable database type or combination thereof.

[0035] In some implementations, one or more databases, tables, other suitable information sources, or portions or combinations thereof may be stored, managed, or otherwise provided by one or more of the elements of the system 100 other than the database server 110, for example, the client 104 or the application server 108.

[0036] The telephony server 112 enables network-based telephony and web communications from and to clients of a customer, such as the clients 104A through 104B for the customer 102A or the clients 104C through 104D for the customer 102B. Some or all of the clients 104A through 104D may be voice over internet protocol (VOIP)-enabled devices configured to send and receive calls over a network 114. In particular, the telephony server 112 includes a session initiation protocol (SIP) zone and a web zone. The SIP zone enables a client of a customer, such

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 396 of 439

as the customer 102A or 102B, to send and receive calls over the network 114 using SIP requests and responses. The web zone integrates telephony data with the application server 108 to enable telephony-based traffic access to software services run by the application server 108. Given the combined functionality of the SIP zone and the web zone, the telephony server 112 may be or include a cloud-based private branch exchange (PBX) system.

[0037] The SIP zone receives telephony traffic from a client of a customer and directs same to a destination device. The SIP zone may include one or more call switches for routing the telephony traffic. For example, to route a VOIP call from a first VOIP-enabled client of a customer to a second VOIP-enabled client of the same customer, the telephony server 112 may initiate a SIP transaction between a first client and the second client using a PBX for the customer. However, in another example, to route a VOIP call from a VOIP-enabled client of a customer to a client or non-client device (e.g., a desktop phone which is not configured for VOIP communication) which is not VOIP-enabled, the telephony server 112 may initiate a SIP transaction via a VOIP gateway that transmits the SIP signal to a public switched telephone network (PSTN) system for outbound communication to the non-VOIP-enabled client or non-client phone. Hence, the telephony server 112 may include a PSTN system and may in some cases access an external PSTN system.

[0038] The telephony server 112 includes one or more session border controllers (SBCs) for interfacing the SIP zone with one or more aspects external to the telephony server 112. In particular, an SBC can act as an intermediary to transmit and receive SIP requests and responses between clients or non-client devices of a given customer with clients or non-client devices external to that customer. When incoming telephony traffic for delivery to a client of a customer, such as one of the clients 104A through 104D, originating from outside the telephony server 112 is received, an SBC receives the traffic and forwards it to a call switch for routing to the client.

[0039] In some implementations, the telephony server 112, via the SIP zone, may enable one or more forms of peering to a carrier or customer premise. For example, Internet peering to a customer premise may be enabled to ease the migration of the customer from a legacy provider to a service provider operating the telephony server 112. In another example, private peering to a customer premise may be enabled to leverage a private connection terminating at one end at the telephony server 112 and at the other end at a computing aspect of the customer environment. In yet another example, carrier peering may be enabled to leverage a connection of a peered carrier

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 397 of 439

to the telephony server 112.

[0040] In some such implementations, an SBC or telephony gateway within the customer environment may operate as an intermediary between the SBC of the telephony server 112 and a PSTN for a peered carrier. When an external SBC is first registered with the telephony server 112, a call from a client can be routed through the SBC to a load balancer of the SIP zone, which directs the traffic to a call switch of the telephony server 112. Thereafter, the SBC may be configured to communicate directly with the call switch.

[0041] The web zone receives telephony traffic from a client of a customer, via the SIP zone, and directs same to the application server 108 via one or more Domain Name System (DNS) resolutions. For example, a first DNS within the web zone may process a request received via the SIP zone and then deliver the processed request to a web service which connects to a second DNS at or otherwise associated with the application server 108. Once the second DNS resolves the request, it is delivered to the destination service at the application server 108. The web zone may also include a database for authenticating access to a software application for telephony traffic processed within the SIP zone, for example, a softphone.

[0042] The clients 104A through 104D communicate with the servers 108 through 112 of the datacenter 106 via the network 114. The network 114 can be or include, for example, the Internet, a local area network (LAN), a wide area network (WAN), a virtual private network (VPN), or another public or private means of electronic computer communication capable of transferring data between a client and one or more servers. In some implementations, a client can connect to the network 114 via a communal connection point, link, or path, or using a distinct connection point, link, or path. For example, a connection point, link, or path can be wired, wireless, use other communications technologies, or a combination thereof.

[0043] The network 114, the datacenter 106, or another element, or combination of elements, of the system 100 can include network hardware such as routers, switches, other network devices, or combinations thereof. For example, the datacenter 106 can include a load balancer 116 for routing traffic from the network 114 to various servers associated with the datacenter 106. The load balancer 116 can route, or direct, computing communications traffic, such as signals or messages, to respective elements of the datacenter 106.

[0044] For example, the load balancer 116 can operate as a proxy, or reverse proxy, for a service, such as a service provided to one or more remote clients, such as one or more of the

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 398 of 439

clients 104A through 104D, by the application server 108, the telephony server 112, and/or another server. Routing functions of the load balancer 116 can be configured directly or via a DNS. The load balancer 116 can coordinate requests from remote clients and can simplify client access by masking the internal configuration of the datacenter 106 from the remote clients.

[0045] In some implementations, the load balancer 116 can operate as a firewall, allowing or preventing communications based on configuration settings. Although the load balancer 116 is depicted in FIG. 1 as being within the datacenter 106, in some implementations, the load balancer 116 can instead be located outside of the datacenter 106, for example, when providing global routing for multiple datacenters. In some implementations, load balancers can be included both within and outside of the datacenter 106. In some implementations, the load balancer 116 can be omitted.

[0046] FIG. 2 is a block diagram of an example internal configuration of a computing device 200 of an electronic computing and communications system. In one configuration, the computing device 200 may implement one or more of the client 104, the application server 108, the database server 110, or the telephony server 112 of the system 100 shown in FIG. 1.

[0047] The computing device 200 includes components or units, such as a processor 202, a memory 204, a bus 206, a power source 208, peripherals 210, a user interface 212, a network interface 214, other suitable components, or a combination thereof. One or more of the memory 204, the power source 208, the peripherals 210, the user interface 212, or the network interface 214 can communicate with the processor 202 via the bus 206.

[0048] The processor 202 is a central processing unit, such as a microprocessor, and can include single or multiple processors having single or multiple processing cores. Alternatively, the processor 202 can include another type of device, or multiple devices, configured for manipulating or processing information. For example, the processor 202 can include multiple processors interconnected in one or more manners, including hardwired or networked. The operations of the processor 202 can be distributed across multiple devices or units that can be coupled directly or across a local area or other suitable type of network. The processor 202 can include a cache, or cache memory, for local storage of operating data or instructions.

[0049] The memory 204 includes one or more memory components, which may each be volatile memory or non-volatile memory. For example, the volatile memory can be random access memory (RAM) (e.g., a DRAM module, such as DDR SDRAM). In another example, the

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 399 of 439

non-volatile memory of the memory 204 can be a disk drive, a solid state drive, flash memory, or phase-change memory. In some implementations, the memory 204 can be distributed across multiple devices. For example, the memory 204 can include network-based memory or memory in multiple clients or servers performing the operations of those multiple devices.

[0050] The memory 204 can include data for immediate access by the processor 202. For example, the memory 204 can include executable instructions 216, application data 218, and an operating system 220. The executable instructions 216 can include one or more application programs, which can be loaded or copied, in whole or in part, from non-volatile memory to volatile memory to be executed by the processor 202. For example, the executable instructions 216 can include instructions for performing some or all of the techniques of this disclosure. The application data 218 can include user data, database data (e.g., database catalogs or dictionaries), or the like. In some implementations, the application data 218 can include functional programs, such as a web browser, a web server, a database server, another program, or a combination thereof. The operating system 220 can be, for example, Microsoft Windows®, Mac OS X®, or Linux®; an operating system for a mobile device, such as a smartphone or tablet device; or an operating system for a non-mobile device, such as a mainframe computer.

[0051] The power source 208 provides power to the computing device 200. For example, the power source 208 can be an interface to an external power distribution system. In another example, the power source 208 can be a battery, such as where the computing device 200 is a mobile device or is otherwise configured to operate independently of an external power distribution system. In some implementations, the computing device 200 may include or otherwise use multiple power sources. In some such implementations, the power source 208 can be a backup battery.

[0052] The peripherals 210 includes one or more sensors, detectors, or other devices configured for monitoring the computing device 200 or the environment around the computing device 200. For example, the peripherals 210 can include a geolocation component, such as a global positioning system location unit. In another example, the peripherals can include a temperature sensor for measuring temperatures of components of the computing device 200, such as the processor 202. In some implementations, the computing device 200 can omit the peripherals 210.

[0053] The user interface 212 includes one or more input interfaces and/or output interfaces.

An input interface may, for example, be a positional input device, such as a mouse, touchpad, touchscreen, or the like; a keyboard; or another suitable human or machine interface device. An output interface may, for example, be a display, such as a liquid crystal display, a cathode-ray tube, a light emitting diode display, or other suitable display.

[0054] The network interface 214 provides a connection or link to a network (e.g., the network 114 shown in FIG. 1). The network interface 214 can be a wired network interface or a wireless network interface. The computing device 200 can communicate with other devices via the network interface 214 using one or more network protocols, such as using Ethernet, transmission control protocol (TCP), internet protocol (IP), power line communication, an IEEE 802.X protocol (e.g., Wi-Fi, Bluetooth, or ZigBee), infrared, visible light, general packet radio service (GPRS), global system for mobile communications (GSM), code-division multiple access (CDMA), Z-Wave, another protocol, or a combination thereof.

[0055] FIG. 3 is a block diagram of an example of a software platform 300 implemented by an electronic computing and communications system, for example, the system 100 shown in FIG. 1. The software platform 300 is a UCaaS platform accessible by clients of a customer of a UCaaS platform provider, for example, the clients 104A through 104B of the customer 102A or the clients 104C through 104D of the customer 102B shown in FIG. 1. The software platform 300 may be a multi-tenant platform instantiated using one or more servers at one or more datacenters including, for example, the application server 108, the database server 110, and the telephony server 112 of the datacenter 106 shown in FIG. 1.

[0056] The software platform 300 includes software services accessible using one or more clients. For example, a customer 302 as shown includes four clients – a desk phone 304, a computer 306, a mobile device 308, and a shared device 310. The desk phone 304 is a desktop unit configured to at least send and receive calls and includes an input device for receiving a telephone number or extension to dial to and an output device for outputting audio and/or video for a call in progress. The computer 306 is a desktop, laptop, or tablet computer including an input device for receiving some form of user input and an output device for outputting information in an audio and/or visual format. The mobile device 308 is a smartphone, wearable device, or other mobile computing aspect including an input device for receiving some form of user input and an output device for outputting information in an audio and/or visual format. The desk phone 304, the computer 306, and the mobile device 308 may generally be considered

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 401 of 439

personal devices configured for use by a single user. The shared device 310 is a desk phone, a computer, a mobile device, or a different device which may instead be configured for use by multiple specified or unspecified users. In some implementations, a client may be a vehicle or a component thereof. A vehicle may include an automobile, an aircraft, a watercraft, a spacecraft, a train, a monorail, or a hyperloop.

[0057] Each of the clients 304 through 310 includes or runs on a computing device configured to access at least a portion of the software platform 300. In some implementations, the customer 302 may include additional clients not shown. For example, the customer 302 may include multiple clients of one or more client types (e.g., multiple desk phones or multiple computers) and/or one or more clients of a client type not shown in FIG. 3 (e.g., wearable devices or televisions other than as shared devices). For example, the customer 302 may have tens or hundreds of desk phones, computers, mobile devices, and/or shared devices.

[0058] The software services of the software platform 300 generally relate to communications tools, but are in no way limited in scope. As shown, the software services of the software platform 300 include telephony software 312, conferencing software 314, messaging software 316, and other software 318. Some or all of the software 312 through 318 uses customer configurations 320 specific to the customer 302. The customer configurations 320 may, for example, be data stored within a database or other data store at a database server, such as the database server 110 shown in FIG. 1.

[0059] The telephony software 312 enables telephony traffic between ones of the clients 304 through 310 and other telephony-enabled devices, which may be other ones of the clients 304 through 310, other VOIP-enabled clients of the customer 302, non-VOIP-enabled devices of the customer 302, VOIP-enabled clients of another customer, non-VOIP-enabled devices of another customer, or other VOIP-enabled clients or non-VOIP-enabled devices. Calls sent or received using the telephony software 312 may, for example, be sent or received using the desk phone 304, a softphone running on the computer 306, a mobile application running on the mobile device 308, or using the shared device 310 that includes telephony features.

[0060] The telephony software 312 further enables phones that do not include a client application to connect to other software services of the software platform 300. For example, the telephony software 312 may receive and process calls from phones not associated with the customer 302 to route that telephony traffic to one or more of the conferencing software 314, the

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 402 of 439

messaging software 316, or the other software 318.

[0061] The conferencing software 314 enables audio, video, and/or other forms of conferences between multiple participants, such as to facilitate a conference between those participants. In some cases, the participants may all be physically present within a single location, for example, a conference room, in which the conferencing software 314 may facilitate a conference between only those participants and using one or more clients within the conference room. In some cases, one or more participants may be physically present within a single location and one or more other participants may be remote, in which the conferencing software 314 may facilitate a conference between all of those participants using one or more clients within the conference room and one or more remote clients. In some cases, the participants may all be remote, in which the conferencing software 314 may facilitate a conference between the participants using different clients for the participants. The conferencing software 314 can include functionality for hosting, presenting scheduling, joining, or otherwise participating in a conference. The conferencing software 314 may further include functionality for recording some or all of a conference and/or documenting a transcript for the conference.

[0062] The messaging software 316 enables instant messaging, unified messaging, and other types of messaging communications between multiple devices, such as to facilitate a chat or other virtual conversation between users of those devices. The unified messaging functionality of the messaging software 316 may, for example, refer to email messaging which includes a voicemail transcription service delivered in email format.

[0063] The other software 318 enables other functionality of the software platform 300. Examples of the other software 318 include, but are not limited to, device management software, resource provisioning and deployment software, administrative software, third party integration software, and the like. In one particular example, the other software 318 can include functionality to provide a client device with access to conference features without the client device connecting to a conference.

[0064] The software 312 through 318 may be implemented using one or more servers, for example, of a datacenter such as the datacenter 106 shown in FIG 1. For example, one or more of the software 312 through 318 may be implemented using an application server, a database server, and/or a telephony server, such as the servers 108 through 112 shown in FIG. 1. In another example, one or more of the software 312 through 318 may be implemented using servers not

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 403 of 439

shown in FIG. 1, for example, a meeting server, a web server, or another server. In yet another example, one or more of the software 312 through 318 may be implemented using one or more of the servers 108 through 112 and one or more other servers. The software 312 through 318 may be implemented by different servers or by the same server.

[0065] Features of the software services of the software platform 300 may be integrated with one another to provide a unified experience for users. For example, the messaging software 316 may include a user interface element configured to initiate a call with another user of the customer 302. In another example, the telephony software 312 may include functionality for elevating a telephone call to a conference. In yet another example, the conferencing software 314 may include functionality for sending and receiving instant messages between participants and/or other users of the customer 302. In yet another example, the conferencing software 314 may include functionality for file sharing between participants and/or other users of the customer 302. In some implementations, some or all of the software 312 through 318 may be combined into a single software application run on clients of the customer, such as one or more of the clients 304 through 310.

[0066] FIG. 4 is a block diagram of an example of a system 400 for providing a client device access to conference features without a connection between the client and a conference. For example, the system 400 may be configured to allow a client device to preview conference participants prior to joining the conference, message one or more conference participants prior to joining the conference, view a conference item prior to joining the conference, or any combination thereof. The system 400 includes a client device 402, a server 404, client devices 406A through 406N, and a user system 408. The client device 402 and the client devices 406A through 406N may each be any one of the clients 304 to 310 shown in FIG. 3 or similar types of client devices, whether or not corresponding to a customer of a software platform. The server 404 may be used to implement at least a portion of a software platform which implements conferencing functionality, such as the software platform 300 shown in FIG. 3. In an example, the functionality to provide access to conference features prior to joining a conference may be implemented in the other software 318 shown in FIG. 3. The user system 408 may include or otherwise access a database server, such as the database server 110 shown in FIG. 1, that stores calendar records 407 of users of the system 400. In some examples, the user system 408 may be implemented as a component of the server 404.

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 404 of 439

[0067] The server 404 includes conferencing software 410. The conferencing software 410 may, for example, be the conferencing software 314 shown in FIG. 3. The conferencing software 410 is configured to enable audio, video, and/or other forms of conferences between multiple participants, such as users of the client devices 406A through 406N.

[0068] In this example, the client device 402 has not yet joined the conference, and the client devices 406A through 406N have joined the conference. Any one of the users of the client devices 406A through 406N may have initiated the conference. When the conference is initiated, the conferencing software 410 generates a conference object and stores the conference object in a memory of the server 404. Each participant of the conference is associated with an attribute that indicates whether the participant accepted the conference invite, declined the conference invite, or has joined the conference. The conferencing software 410 is configured to detect changes in the conference, update the conference object, and store the updated conference object in the memory of the server 404. The detected changes may include, but are not limited to, a participant joining the conference, a participant leaving the conference, a participant speaking or presenting, a change in audio status of a client device, a change in video status of a client device, a change in a messaging application of the conference, a recording status change, or a change in an agenda or list of topics or other file associated with the conference.

[0069] The conferencing software 410 is configured to obtain calendar data from the user system 408. In some examples, the conferencing software 410 may transmit a request for calendar data to the user system 408 to obtain the calendar data. The calendar data may include a description of the conference, an agenda or list of topics for the conference, a conference start time, a conference end time, a location, two or more conference participants, two or more conference participant invite statuses, or any combination thereof. The conferencing software 410 is configured to generate a graphical output based on the calendar data and transmit the graphical output to a client device for display. The graphical output may be transmitted to client device 402, client devices 406A through 406N, or both.

[0070] In this example, the client device 402 receives the graphical output and displays the graphical output on a display of the client device 402. The graphical output is displayed as a panel on the display of the client device 402. The panel may be a persistent panel that is an extensible panel that sits on a display of the client device 402 to make the user aware of conference information or real-time communications in one or more modalities and to enable the

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 405 of 439

user to take some action in response to the conference information or real-time communication in a single click regardless of the modality. The panel generally occupies less display space than a typical software application, and, in some cases, the size may be configurable based on user preferences and/or based on a number of applications integrated within the panel. The panel may be persistent such that it remains on top of the display of the client device 402 for immediate viewing at all times, unless otherwise configured. The single-click actions may correspond to response actions including to join the conference, leave the conference, message participants of the conference, turn video on/off, mute/unmute a microphone. In some examples, a single-click action to message participants of the conference may include prewritten messages. The panel may be configured, initialized, or otherwise used within a graphical output using the other software 318 shown in FIG. 3.

[0071] In this example, the panel is configured to display information associated with a conference that the client device 402 has not yet joined. The conference can be a conference to which the user was invited as a participant, or a conference that the user created as a host. A portion of the panel may include an indicator that indicates a conference status associated with the conference. The indicator can be a color or an icon. For example, the color may indicate that the conference is in the future, the user is late for the conference (e.g., the conference start time has passed, and no other participants have joined), or that the conference has started (e.g., other participants have joined).

[0072] The user of the client device 402 can provide an input to expand the panel to view more information regarding the conference. The input can include hovering a cursor over the portion of the panel, touching the portion of the panel, or pressing one or more keys/buttons, for example, a keyboard shortcut. In response to the input, the client device 402 is configured to transmit a request to the server 404 to obtain conference information. The conferencing software 410 is configured to obtain the conference object from the memory of the server 404 and determine the conference information based on the request. The conferencing software 410 is configured to generate a graphical output based on the determined conference information and transmit the graphical output to the client device 402 for display in the expanded portion of the panel.

[0073] In some implementations, the conference information is periodically obtained by the client device 402 without manual user intervention (i.e., without the need for user input) and

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 406 of 439

displayed when the user expands the panel. In some implementations, the conference information is automatically pushed to the client device 402 without the need for a request and displayed when the user expands the panel.

[0074] In some implementations, the graphical output may be displayed within a graphical user interface of a client application running at the client device 402 or as a pop-up window. The display of the graphical user interface using the client application or pop-up window may be implemented to make the user aware of conference information or real-time communications in one or more modalities and to enable the user to take some action in response to the conference information or real-time communication in a single click regardless of the modality.

[0075] FIG. 5 is a swim lane diagram of an example of a system 500 for providing a client device access to conference participant information without a connection between the client and the conference. The system 500 includes a client device 502, a server 504, a client device 506, and a user system 508. The client device 502 may be the client device 402 shown in FIG. 4, and the client device 506 may be any one of the client devices 406A to 406N shown in FIG. 4. The server 504 may be the same as server 404 shown in FIG. 4, and may be used to implement the software platform 300 shown in FIG. 3. In an example, the functionality for providing access to conference participant information without having to join the conference may be implemented in the other software 318 shown in FIG. 3. The user system 508 may be a database server, such as database server 110 shown in FIG. 1. In some examples, the user system 508 may be implemented as a component of the server 504.

[0076] In this example, a user of the client device 502 may be in a current conference and running late for a next conference. The user would like to preview the participants of the next conference who are in attendance in order to determine when to leave the current conference to join the next conference. Attendance information for the participants of the next conference may be based on calendar data. As shown in FIG. 5, the server 504 is configured to obtain calendar data 510 from the user system 508. The server 504 is configured to generate a graphical output 512 based on the calendar data 510, and transmit the graphical output 512 to the client device 502.

[0077] The client device 502 is configured to receive the graphical output 512 and display 514 the graphical output 512, or portions thereof, within a panel on a display of the client device 502. The panel may be configured to display information associated with a conference, for

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 407 of 439

example, a conference that the client device 502 has not yet joined. A portion of the panel may include an indicator that indicates a conference status associated with the conference. The indicator can be a color or an icon. For example, the color may indicate that the conference is a future conference, the conference has started without participants, the conference has started with participants, the conference has started and there is at least one high priority participant in attendance, the conference has an active screen share, or that the conference has ended.

[0078] At some point in time, the client device 506 transmits a join message 516 to the server 504 to connect to a conference 518. The conference 518 may be a conference in progress, or it may be a conference that is initiated by the join message 516. The server 504 is configured to receive the join message 516 and create or update 520 a conference object associated with the conference 518. The server 504 grants the client device 506 access to the conference 518, and the client device 506 joins the conference 518, for example, via conferencing software 410 shown in FIG. 4.

[0079] At this point, the client device 502 has not yet joined the conference 518. The server 504 is configured to determine 522 participant information. The participant information is determined based on the conference object, and may include a participant invite status for one or more participants, a participant attendance status for one or more participants, a participant attendance time for one or more participants, a participant preview status for one or more participants, a participant indicator for one or more participants, such as a participant name, or representation thereof, a participant audio status for one or more participants, a participant video status for one or more participants, a participant presentation status for one or more participants, or any combination thereof.

[0080] The participant invite status may indicate whether the participant accepted or declined the conference invite. The participant attendance status may indicate that the participant has joined the conference, has not joined the conference, or joined the conference and subsequently left the conference. The participant attendance time may indicate a time that the participant joined the conference or a duration of time that the participant has been in the conference. The participant preview status may indicate whether the participant is currently previewing the conference or has previewed the conference within a predetermined period of time. The participant audio status may indicate that the participant microphone is on, the participant microphone is muted, or that the participant is speaking. The participant video status may

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 408 of 439

indicate that the participant video is on, the participant video is off, or that the participant is presenting in the conference. A representation of the participant may include an avatar, a photograph, an icon, text, or any combination thereof. The participant presentation status may be an indication of whether the participant is currently performing a screen share.

[0081] The server 504 is configured to generate a graphical output 524 based on the participant information and transmit the graphical output 524 to the client device 502. The client device 502 is configured to receive the graphical output 524 and display 526 at least a portion thereof in an expanded portion of the panel. The graphical output 524 may include one or more visual indicators. For example, a visual indicator may indicate whether a participant has their video or audio on or off based on the participant video status or the participant audio status. A visual indicator may indicate who is speaking in the conference based on the participant audio status. A visual indicator may indicate a duration of time that the participant has been in the conference based on participant attendance time. A visual indicator may indicate that a participant is performing a screen share based on the participant presentation status. A visual indicator may indicate whether the conference is being recorded based on the conference status.

[0082] In some implementations, the client device 502 may transmit a request 528 for participant information to the server 504. The request 528 may be transmitted in response to an input from a user to expand the panel to view more information, such as participant information. In some implementations, the graphical output 524 is periodically transmitted to the client device 502 without the need for an input, and displayed when the user expands the panel. In some implementations, the graphical output 524 is automatically pushed to the client device 502 when there is an update to the conference object, without the need for the request 528, and displayed when the user expands the panel.

[0083] In some implementations, the server 504 may transmit a notification to the client device 502 to notify the user that a high priority participant has joined or left the conference 518. A high priority participant may be a supervisor of the user or other stakeholder. In this example, the server 504 may determine a priority level for a participant based on an organizational structure or a user preference. The server 504 may determine the priority level using a machine learning (ML) model and historical conference data of the user and one or more other users of the system 500. In some examples, a priority level for each participant may be determined.

[0084] In some implementations, the server 504 may transmit a notification to a client device

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 409 of 439

that has not yet joined the conference 518, such as the client device 502, to notify the user that a threshold of participants for a quorum has been reached in the conference 518. The threshold may be based on a percentage, for example, the number of participants that have joined the conference 518 relative to the number of participants that accepted the conference invite. The threshold may be a configurable value. In an example, the notification may be transmitted when 50% of the participants that accepted the conference invite have joined the conference 518. In some examples, a notification may be transmitted when quorum is lost, for example, when a participant leaves the conference 518.

[0085] In some situations, it may be helpful to see who is previewing the conference or how many participants are previewing the conference, for example, to avoid a situation where no one is joining the conference because the conference is empty. In some implementations, the server 504 may transmit a notification to a client device that has not joined the conference 518, such as client device 502. The notification may be transmitted based on a determination that one or more participants are previewing the conference 518 or have previewed the conference 518 within a predetermined period of time. The notification may be a pop-up message on a client device display to join the conference 518 when one or more participants are previewing the conference 518 or have previewed the conference 518 within a predetermined period of time. The notification may be transmitted when a threshold of a number of previewing participants is met. The notification may be transmitted when a high priority participant is previewing the conference 518 or has joined the conference 518.

[0086] In some situations, a user may not have received an invite for a particular meeting, either inadvertently or because the host was not aware that the user should be invited. In such a case, and in some implementations, the server 504 may be configured to transmit a notification to a client device to join a conference to which the user was not invited. For example, the server 504 may determine that the user should be invited based on historical conference data of the user and one or more other users of the system 500 that were invited to the conference.

[0087] FIG. 6 is a swim lane diagram of an example of a system 600 for providing a client device access to a conference messaging application without a connection between the client device and the conference. The system 600 includes a client device 602, a server 604, and a client device 606. The client device 602 may be the client device 402 shown in FIG. 4, and the client device 606 may be any one of the client devices 406A to 406N shown in FIG. 4. The

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 410 of 439

server 604 may be the same as server 404 shown in FIG. 4, and may be used to implement the software platform 300 shown in FIG. 3. In an example, the functionality for providing access to conference participant information without having to join the conference may be implemented in the other software 318 shown in FIG. 3.

[0088] As shown in FIG. 6, client device 606 transmits a join message 608 to the server 604 to connect to a conference 610. The conference 610 may be a conference in progress, or it may be a conference that is initiated by the join message 608. The server 604 is configured to receive the join message 608 and create or update 612 a conference object associated with the conference 610. The server 604 grants the client device 606 access to the conference 610, and the client device 606 joins the conference 610, for example, via the conference software 410 shown in FIG. 4.

[0089] At this point, the client device 602 has not yet joined the conference 610. The server 604 may be configured to determine conference information based on the conference object. The conference information can include a conference description, a conference topic or list thereof, a conference start time, a conference end time, a conference location, participant information, or any combination thereof. The server 604 is configured to generate a graphical output 614 based on the conference information and transmit the graphical output 614 to the client device 602. The client device 602 is configured to receive the graphical output 614 and display 616 at least a portion thereof in an expanded portion of a panel associated with the conference 610 on a display of the client device 602. The graphical output 614 may include one or more visual indicators associated with the conference information.

[0090] The display 616 of the graphical output 614 may be triggered by an input to the client device 602 to expand the panel. The input can include hovering a cursor over the portion of the panel, touching the portion of the panel, or pressing one or more keys/buttons, for example, a keyboard shortcut. In this example, the expanded portion of the panel may display one or more participants that have joined the conference 610. The expanded portion of the panel may display an option to initiate a communication via an in-conference communication application with one or more participants that have joined the conference. The in-conference communication application is available for access by participants in the conference. The in-conference communication application may be a text or instant messaging application, an audio messaging application, or a video messaging application. In an example where the in-conference

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 411 of 439

communication application is a text or instant messaging application, the option to initiate a communication may include one or more prewritten messages (e.g., "Coming from another meeting, I will be 5 minutes late," "Please get started without me," or "Please do not start without me"). The prewritten messages may be default messages generically available to various users of the conferencing software. Alternatively, the prewritten messages may be automatically generated using a ML model, user calendar data, historical conference data, and/or historical message data associated with the user of the client device 602. For example, if the user is in a conference with a group of participants that historically end conferences 10 minutes late, one or more prewritten messages may be automatically generated that include that the user will be 10 minutes late. In another example, if the user typically sends a message to start the meeting without their presence, a prewritten message such as "Please get started without me" may be automatically generated.

[0091] The user may provide another input that triggers the client device 602 to transmit a message 618 to the server 604. The input may be a single-click response to an option on the expanded portion of the panel. The message 618 may be a request to access an in-conference communication application to communicate with one or more conference participants. The server 604 is configured to receive the message 618 and grant access to the in-conference communication application 620 such that the client device 602 can communicate with one or more conference participants prior to joining the conference 610. In this example, when the access is granted, the client device 602 can communicate with client device 606 via the in-conference communication application 620 without joining the conference 610. In an example, if the user is a host of the conference 610, the user may notify one or more of the participants in the conference 610 that they are running late. If the user is not the host of the conference 610, the user may notify the host that they are running late.

[0092] In an example where a user may be in a vehicle and is unable to join a conference on time, the vehicle, or a component thereof, may be configured to transmit the message 618 to the server 604. In this example, the message 618 may be a prewritten message. The prewritten message may include an estimated time of arrival (ETA) based on navigation and/or traffic data to notify the one or more participants of the conference of an approximate time the user may join the conference. The ETA may include some buffer time to allow the user to park the vehicle and get set up for the conference.

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 412 of 439

[0093] In some implementations, the user may wish to post a message to a persistent chat room that is not associated with the conference 610, such as a chat room or other chat messaging space, which may, for example, be implemented using the messaging software 316 shown in FIG. 3. For example, a persistent chat room that has the same participants as the conference 610 may exist, and the user may wish to post a message in the persistent chat room for future reference. In this example, the server 604 may check for existing persistent chat rooms to determine whether a persistent chat room with matching participants of the conference 610 exists. If a match is found, the user can be presented with an option to post a message to the matching persistent chat room. In this way, messages communicable from the client device of the user may be posted to a space outside of the conference so that those messages may remain available and easily accessible to relevant users even after the conference has ended.

[0094] In some implementations, an agenda or list of topics for the conference 610 may be updated based on a chat message. For example, a user may indicate in the chat message that they will be 15 minutes late to join the conference. Based on the chat message, the server 604 determines that the list of topics may need to be updated. The server 604 may make this determination by searching the list of topics for items associated with the user and automatically updating the list of topics by moving any matching items associated with the user to later in the conference 610. In some examples, the server may update the list of topics to move the matching items to the end of the conference 610.

[0095] FIG. 7 is a swim lane diagram of an example of a system 700 for providing a client device access to conference items without a connection between the client device and the conference. The system 700 includes a client device 702, a server 704, and a client device 706. The client device 702 may be the client device 402 shown in FIG. 4, and the client device 706 may be any one of the devices 406A to 406N shown in FIG. 4. The server 704 may be the same as server 404 shown in FIG. 4, and may be used to implement the software platform 300 shown in FIG. 3. In an example, the functionality for providing access to one or more conference items without having to join the conference may be implemented in the other software 318 shown in FIG. 3.

[0096] Certain conference items may be viewed prior to the initiation of the conference, for example, a list of topics or a downloadable file associated with the conference. The example shown in FIG. 7 is for a conference that is in progress. As shown in FIG. 7, client device 706

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 413 of 439

transmits a join message 708 to the server 704 to join a conference 710. The conference 710 may be a conference in progress, or it may be a conference that is initiated by the join message 708. The server 704 is configured to receive the join message 708 and create or update 712 a conference object associated with the conference 710. The server 704 grants the client device 706 access to the conference 710, and the client device 706 joins the conference 710, for example, via the conference software 410 shown in FIG. 4.

[0097] At this point, the client device 702 has not yet joined the conference 710. The server 704 may be configured to determine one or more conference items based on the conference object. In an example, the one or more conference items may be attachments or links included in a conference invite or a description included in the conference invite. The one or more conference items may include an editable document, a list of topics, a real-time transcript, a downloadable file, or a real-time presentation such as a screen share. The server 704 is configured to generate a graphical output 714 based on the one or more conference items and transmit the graphical output 714 to the client device 702. The client device 702 is configured to receive the graphical output 714 and display 716 at least a portion thereof in an expanded portion of a panel associated with the conference 710 on a display of the client device 702. The graphical output 714 may include one or more visual indicators associated with the one or more conference items. The visual indicators may be graphical representations of the one or more conference items, such as icons, thumbnails, text representations, or any combination thereof.

[0098] The display 716 of the graphical output 714 may be triggered by an input to the client device 702 to expand the panel. The input can include hovering a cursor over the portion of the panel, touching the portion of the panel, or pressing one or more keys/buttons, for example, a keyboard shortcut. In this example, the expanded portion of the panel may display one or more visual indicators associated with the conference items. The expanded portion of the panel may display an option to view and/or edit one or more of the conference items.

[0099] The user may provide another input that triggers the client device 702 to transmit a request 718 to the server 704. The request 718 may be a request to view or edit a conference item. The input may be a single-click response to an option on the expanded portion of the panel. The server 704 is configured to receive the request 718 and determine 720 a conference item based on the request 718. Determining the conference item may include obtaining the conference object and extracting data associated with the conference item. If the request 718 is a request to

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 414 of 439

view the conference item, the server 704 may generate a graphical output 722 based on the data associated with the conference item. The server 704 is configured to transmit the graphical output 722 to the client device 702 for display. The client device 702 is configured to receive the graphical output 722 and display 724 at least a portion thereof in an expanded portion of the panel.

[0100] If the request 718 is a request to edit the conference item, the server 704 may grant the client device 702 access to edit the conference item. The server may open an application interface to allow the client device 702 to view and edit the conference item. When the edits to the conference item are completed, the server 704 may update the conference object to reflect the edits. In some examples, a notification may be sent to the other participants of the conference that the conference item has been edited. In some examples, a notification may be sent to the author of the conference item that the conference item has been edited.

[0101] In an example, the list of topics for the conference may be a living document that can be edited by conference participants. If the user is running late and cannot join the conference on time, the user can edit the list of topics to move one or more topics associated with the user to a later portion of the conference without having to join the conference.

[0102] Typical conferences begin with some idle conversations that are not related to the substance of the conference. In some implementations, the server 704 may detect when the idle conversation has ended and the substantive portion of the conference 710 has begun. For example, detection of the substantive portion of the conference 710 may be based on the initiation of a screen share or by using automated speech recognition and a ML model to detect whether the discussion of the list of topics has begun. The server 704 may transmit a notification to the client device 702 to notify the user that the substantive portion of the conference 710 has begun. In some examples, the notification may be a pop-up window on the display of the client device 702. The notification may include an option to join the conference 710.

[0103] In an example, a user may be running late for a conference and is in an area with substantial background noise. The user may wish to access an audio portion of the conference to listen in without having to join the conference. In this example, the user does not have to worry about muting their microphone. The server 704 may transmit a visual indicator to the conference attendees to notify them that the user is listening in.

[0104] In another example, a user may be running late for a webinar and wants to get caught

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 415 of 439

up before joining the webinar. The user may access the conference items associated with the webinar without having to join the webinar. For example, the user may view the real-time transcript and/or a real-time presentation of the webinar without having to join the webinar. In some examples, the conferencing software may include a notes application that allows participants to take notes during the conference. The conferencing software may provide the participants with an option to make their notes public so that other conference participants can view their notes. The conferencing software may annotate the participant notes with timestamps for future reference.

[0105] In some implementations, the server 704 may automatically edit the list of topics based on a presence detection of a user. For example, the server 704 may detect that a user is running late based on a chat message from the user or determining that the user has not yet joined the conference. The server 704 may identify one or more items associated with the user and automatically move the identified items to the end of the list of topics. In some examples, the server 704 may identify one or more items associated with the user and change the font of the items to indicate that the discussion of the identified items may be delayed because the associated user has not yet joined the conference. In some examples, the server 704 may identify one or more items based on whether they are yet to be discussed or have already been discussed. When the associated user joins the conference, the server 704 may automatically change the font back to the original font. Changing the font may include a change to a different font type, underlining text, bolding text, italicizing text, highlighting text, changing a text color, changing a text size, or any combination thereof.

[0106] In some implementations, the server 704 may determine a conference importance level using a ML model. The conference importance level may be based on the list of topics, conference attendees, participant interactions in previous similar conferences, or any combination thereof. The server 704 may be configured to transmit a notification to a client device that includes a suggestion to join the conference or skip the conference based on the importance level of the conference to the user. For example, if the user is double-booked for multiple conferences scheduled at the same time, the notification of the importance level of each conference may help the user determine which conference to join.

[0107] To further describe some implementations in greater detail, reference is next made to examples of methods that may be performed by or using a system for providing a client device

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 416 of 439

access to conference features without a connection between the client device and a conference. FIGS. 8 through 10 are flowcharts of examples of methods for providing access to conference features prior to joining a conference. The methods can be executed using computing devices, such as the systems, hardware, and software described with respect to FIGS. 1 through 7. The methods can be performed, for example, by executing a machine-readable program or other computer-executable instructions, such as routines, instructions, programs, or other code. The steps, or operations, of the methods or other techniques, methods, processes, or algorithms described in connection with the implementations disclosed herein can be implemented directly in hardware, firmware, software executed by hardware, circuitry, or a combination thereof.

[0108] For simplicity of explanation, the methods are depicted and described herein as a series of steps or operations. However, the steps or operations in accordance with this disclosure can occur in various orders and/or concurrently. Additionally, other steps or operations not presented and described herein may be used. Furthermore, not all illustrated steps or operations may be required to implement a technique in accordance with the disclosed subject matter.

[0109] FIG. 8 is a flowchart of an example of a method 800 for providing a client device access to conference participant information without a connection between the client device and the conference. At 802, calendar data is obtained by a server. The calendar data may include at least one of a description of a conference, a list of topics associated with the conference, a start time for the conference, an end time for the conference, a location, a participant identifier, a participant invite status, or any combination thereof.

[0110] At 804, the server transmits a first graphical output to a client device. The client device has not yet connected to the conference. The graphical output is based on the calendar data. The client device receives the first graphical output and displays at least a portion of the graphical output on a panel associated with the conference. The first graphical output may include a visual indicator that indicates a conference status. The conference status may indicate that the conference is a future conference, the conference has started without participants, the conference has started with participants, the conference that started and a high priority participant is in attendance, or the conference has ended. The panel may be a persistent panel that is an extensible panel that sits on a display of the client device to make the user aware of conference information or real-time communications in one or more modalities and to enable the user to take some action in response to the conference information or real-time communication in

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 417 of 439

a single click regardless of the modality. The panel may be expanded to view additional information associated with the conference.

[0111] At 806, the server receives a request for participant information. The request is received prior to the client device joining the conference. The request may be received in response to an input from a user to expand the panel to view more information, such as participant information.

[0112] At 808, the server determines the participant information based on the request. The participant information may be determined based on the conference object, and may include a participant invite status for one or more participants, a participant attendance status for one or more participants, a participant attendance time for one or more participants, a participant preview status for one or more participants, a participant indicator for one or more participants, such as a participant name or title, or representation thereof, a participant audio status for one or more participants, a participant video status for one or more participants, a participant presentation status for one or more participants, or any combination thereof. Prior to the client device connecting to the conference, the server is configured to generate a second graphical output that includes the participant information.

[0113] At 810, the server transmits the second graphical output to the client device for display. Prior to connecting to the conference, the client device receives the second graphical output and displays at least a portion thereof in an expanded portion of the panel. The second graphical output may include one or more visual indicators. For example, a visual indicator may indicate whether a participant has their video or audio on or off based on the participant video status or the participant audio status. A visual indicator may indicate who is speaking in the conference based on the participant audio status. A visual indicator may indicate a duration of time that the participant has been in the conference based on participant attendance time. A visual indicator may indicate that a participant is performing a screen share based on the participant presentation status. A visual indicator may indicate whether the conference is being recorded based on the conference status.

[0114] In some implementations, the method 800 may include determining whether a high priority participant (e.g., a stakeholder) has joined the conference. The high priority participant may be determined based on an organizational chart relative to an organizational position of the user of the client device. In some examples, the high priority participant may be based on a

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 418 of 439

preference of the user of the client device. The method may include transmitting a notification to the client device to notify the user that a high priority participant has joined or left the conference.

[0115] In some implementations, the method 800 may include determining that a threshold number of participants for a quorum is met and transmitting a notification to a client device that has not yet joined the conference to notify the user that the quorum threshold is met. The method 800 may include transmitting a notification to the client device when the quorum is lost, for example, when a participant leaves the conference.

[0116] In some implementations, the method 800 includes determining who is previewing the conference or how many participants are previewing the conference. The server may transmit a notification to a client device that has not yet joined the conference to notify the user that one or more participants are previewing the conference or have previewed the conference within a predetermined period of time.

[0117] FIG. 9 is a flowchart of an example of a method 900 for providing a client device access to a conference messaging application without a connection between the client device and the conference. At 902, a server obtains conference information. The conference information may be associated with a conference in progress and can include a conference description, a conference topic or list thereof, a conference start time, a conference end time, a conference location, participant information, or any combination thereof. The server obtains the conference information and generates a graphical output based on the conference information.

[0118] At 904, the server transmits the graphical output based on the conference information to a client device for display. The client device receives the graphical output and displays at least a portion thereof in an expanded portion of a panel associated with the conference on a display of the client device. The graphical output may include one or more visual indicators associated with the conference information. The display of the graphical output may be triggered by an input to the client device to expand the panel. The expanded portion of the panel may display an option to initiate a communication with one or more participants in attendance via an in-conference communication application, such as a conference messaging application.

[0119] At 906, the server receives a message to initiate a communication with a participant that is in attendance at the conference. The message is received prior to the client device joining the conference. The message may be transmitted to the server in response to an input received at

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 419 of 439

the client device. The input may be a single-click response to an option on the expanded portion of the panel. The message may be a request to access an in-conference communication application to communicate with one or more conference participants.

[0120] At 908, the server grants the client device access to an in-conference communication application. The access to the in-conference communication application is granted prior to the client device joining the conference. When the access is granted, the client device can communicate with one or more of the participants in the conference via the in-conference communication application without joining the conference.

[0121] In some implementations, the message may include a prewritten message. In an example where the client device is a vehicle, or a component thereof, the prewritten message may include an ETA based on navigation and/or traffic data to notify one or more participants of the conference of an approximate time the user may join the conference. In some examples, the ETA may include some buffer time to allow the user to park the vehicle and get set up for the conference.

[0122] In some implementations, the method 900 may include posting a message to a persistent chat room that is not associated with the conference. For example, the method 900 may include checking for existing persistent chat rooms to determine whether a persistent chat room with matching participants of the conference exists. If a match is found, the method 900 may include transmitting a notification that includes an option to post a message to the matching persistent chat room to the client device.

[0123] In some implementations, the method 900 may include updating a list of topics based on a chat message. The method 900 may include determining that the list of topics should be updated based on the text of a chat message. For example, it may be determined from the text of the chat message that the user is running late for the conference. The method 900 may include searching the list of topics for items associated with the user and automatically updating the list of topics by moving any matching items associated with the user to later in the conference. In some examples, the method 900 may include transmitting a notification to the conference attendees that the list of topics has been updated.

[0124] FIG. 10 is a flowchart of an example of a method 1000 for providing a client device access to conference items without a connection between the client device and the conference. At 1002, a server obtains a conference item. The conference item may be an attachment or a link

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 420 of 439

included in a conference invite or a description included in the conference invite. The conference item may include an editable document, a list of topics, a real-time transcript, a downloadable file, or a real-time presentation such as a screen share. The server obtains the conference item and generates a first graphical output based on the conference item.

[0125] At 1004, the server transmits the first graphical output to a client device to display an indicator of the conference item. The client device receives the first graphical output and displays at least a portion thereof in an expanded portion of a panel associated with the conference on a display of the client device. The first graphical output includes an indicator associated with the conference item. The indicator may be a visual indicator and may be a graphical representation of the conference item, such as an icon, a thumbnail, a text representation, or any combination thereof. The display of the first graphical output may be triggered by an input to the client device to expand the panel. The expanded portion of the panel may display an option to view and/or edit the conference item.

[0126] At 1006, the server receives a request to view the conference item. The request may be triggered by another input at the client device. The input may be a single-click response to an option on the expanded portion of the panel. The request may be a request to view or edit a conference item. The server generates a second graphical output based on the conference item indicated in the request.

[0127] At 1008, the server transmits the second graphical output to the client device to display the conference item. The client device receives the second graphical output and displays at least a portion thereof in an expanded portion of the panel or in an application that is compatible with the conference item.

[0128] In some implementations, the method 1000 may include detecting an initiation of a screen share. The method 1000 may include determining that a substantive portion of the conference has started based on the screen share. The substantive portion of the conference can be associated with an item of the list of topics. The method 1000 may include transmitting a notification to the client device that indicates that the substantive portion of the conference has started.

[0129] In some implementations, the method 1000 may include detecting a voice in an audio portion of the conference. The method 1000 may include converting the detected voice to text and comparing the text to the conference item. In this example, the conference item may be a list

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 421 of 439

of topics. The method 1000 may include determining that a substantive portion of the conference has started based on the comparison, where the substantive portion of the conference is associated with an item of the list of topics. The method 1000 may include transmitting a notification to the client device that indicates that the substantive portion of the conference has started.

[0130] The implementations of this disclosure can be described in terms of functional block components and various processing operations. Such functional block components can be realized by a number of hardware or software components that perform the specified functions. For example, the disclosed implementations can employ various integrated circuit components (e.g., memory elements, processing elements, logic elements, look-up tables, and the like), which can carry out a variety of functions under the control of one or more microprocessors or other control devices. Similarly, where the elements of the disclosed implementations are implemented using software programming or software elements, the systems and techniques can be implemented with a programming or scripting language, such as C, C++, Java, JavaScript, assembler, or the like, with the various algorithms being implemented with a combination of data structures, objects, processes, routines, or other programming elements.

[0131] Functional aspects can be implemented in algorithms that execute on one or more processors. Furthermore, the implementations of the systems and techniques disclosed herein could employ a number of conventional techniques for electronics configuration, signal processing or control, data processing, and the like. The words "mechanism" and "component" are used broadly and are not limited to mechanical or physical implementations, but can include software routines in conjunction with processors, etc. Likewise, the terms "system" or "tool" as used herein and in the figures, but in any event based on their context, may be understood as corresponding to a functional unit implemented using software, hardware (e.g., an integrated circuit, such as an ASIC), or a combination of software and hardware. In certain contexts, such systems or mechanisms may be understood to be a processor-implemented software system or processor-implemented software mechanism that is part of or callable by an executable program, which may itself be wholly or partly composed of such linked systems or mechanisms.

[0132] Implementations or portions of implementations of the above disclosure can take the form of a computer program product accessible from, for example, a computer-usable or computer-readable medium. A computer-usable or computer-readable medium can be a device

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 422 of 439

that can, for example, tangibly contain, store, communicate, or transport a program or data structure for use by or in connection with a processor. The medium can be, for example, an electronic, magnetic, optical, electromagnetic, or semiconductor device.

[0133] Other suitable mediums are also available. Such computer-usable or computer-readable media can be referred to as non-transitory memory or media, and can include volatile memory or non-volatile memory that can change over time. The quality of memory or media being non-transitory refers to such memory or media storing data for some period of time or otherwise based on device power or a device power cycle. A memory of an apparatus described herein, unless otherwise specified, does not have to be physically contained by the apparatus, but is one that can be accessed remotely by the apparatus, and does not have to be contiguous with other memory that might be physically contained by the apparatus.

[0134] While the disclosure has been described in connection with certain implementations, it is to be understood that the disclosure is not to be limited to the disclosed implementations but, on the contrary, is intended to cover various modifications and equivalent arrangements included within the scope of the appended claims, which scope is to be accorded the broadest interpretation so as to encompass all such modifications and equivalent structures as is permitted under the law.

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 423 of 439

What is claimed is:

1. A method for conference messaging, comprising:

obtaining information associated with a conference that is in progress;

transmitting, to a client device, a graphical output to display on the client device, the graphical output based on the information;

prior to the client device joining the conference:

receiving a message from the client device to initiate a communication with a participant device that is present in the conference; and

granting the client device access to an in-conference communication application associated with the conference in progress based on the message to communicate with the participant device.

2. The method of claim 1, wherein the graphical output triggers a display of one or more predetermined messages.

3. The method of claim 2, wherein at least one of the one or more predetermined messages includes an estimated time of arrival (ETA) of a user of the client device when the user is in a vehicle or the client device is the vehicle.

4. The method of claim 3, wherein the ETA is based on at least one of navigation data or traffic data.

5. The method of claim 1, comprising:

receiving, via the in-conference communication application, a chat message from the client device for the participant device; and

updating a topic of the conference based on the chat message.

6. The method of claim 1, wherein a user of the client device is a non-host of the conference and the participant is a host of the conference.

7. The method of claim 1, wherein the conference information includes at least one

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 424 of 439

of a description, an agenda, a time, a location, or a participant identifier.

8. The method of claim 1, wherein the in-conference communication application is a chat room configured for at least one of text messaging, audio messaging, or video messaging.

9. A system for conference messaging, comprising:

a server configured to:

obtain information associated with a conference that is in progress; and

transmit a graphical output associated with the conference that is in progress; and

a client device configured to display the graphical output on a display of the client device;

prior to the client device joining the conference, the server configured to:

receive a message from the client device to initiate a communication with a participant device that is present in the conference; and

grant the client device access to an in-conference communication application associated with the conference based on the message to communicate with the participant device; and

prior to the client device joining the conference, the client device configured to:

communicate with the participant device via the in-conference communication application.

10. The system of claim 9, wherein the graphical output triggers a display of one or more predetermined messages.

11. The system of claim 10, wherein at least one of the one or more predetermined messages includes an estimated time of arrival (ETA) of a user of the client device when the user is in a vehicle or the client device is the vehicle.

12. The system of claim 11, wherein the ETA is based on at least one of navigation data or traffic data.

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 425 of 439

13. The system of claim 9, the server configured to:

receive, via the in-conference communication application, a chat message from the client device for the participant device; and

update a topic of the conference based on the chat message.

14. The system of claim 9, wherein the in-conference communication application is a chat room configured for at least one of text messaging, audio messaging, or video messaging.

15. A non-transitory computer-readable storage device including program instructions that, when executed by a processor, cause the processor to perform operations, the operations comprising:

obtaining information associated with a conference that is in progress;

transmitting a graphical output to display on a client device, the graphical output based on the information;

prior to the client device joining the conference:

receiving a message from the client device to initiate a communication with a participant device that is present in the conference; and

granting the client device access to an in-conference communication application associated with the conference based on the message to communicate with the participant device.

16. The non-transitory computer-readable storage device of claim 15, wherein the program instructions, when executed by the processor, cause the processor to perform operations, the operations comprising:

receiving, via the in-conference communication application, a chat message from the client device for the participant device; and

updating a topic of the conference based on the chat message.

17. The non-transitory computer-readable storage device of claim 15, wherein the conference information includes at least one of a description, an agenda, a time, a location, or a participant identifier.

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 426 of 439

18. The non-transitory computer-readable storage device of claim 15, wherein the in-conference communication application is a chat room configured for at least one of text messaging, audio messaging, or video messaging.

19. The non-transitory computer-readable storage device of claim 15, wherein the graphical output triggers a display of one or more predetermined messages.

20. The non-transitory computer-readable storage device of claim 15, wherein the message is a response to the graphical output.

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 427 of 439

ABSTRACT

A conference system obtains information associated with a conference that is in progress. The conference system transmits a graphical output associated with the conference to a client device for display. Prior to the client device joining the conference, the conference system receives a message to initiate a communication with a participant device that is present in the conference. The conference system grants the client device access to an in-conference communication application associated with the conference in progress to communicate with the participant device without the client device having to join the conference.

Zoom Communications, Inc. v. Ricoh Company, Ltd.
IPR2026-00407 | EX2008 | Page 428 of 439

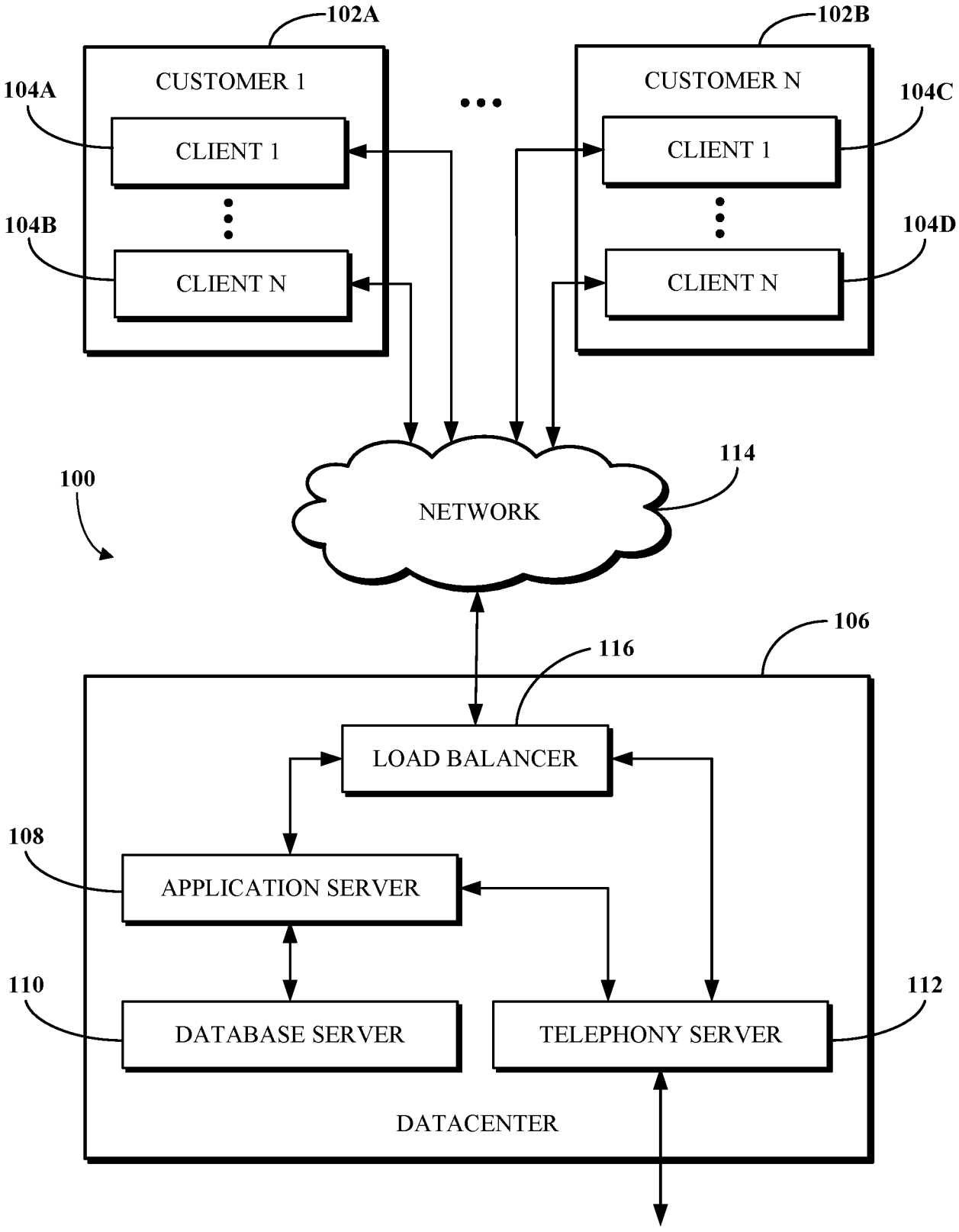

102A
CUSTOMER 1
104A
CLIENT 1
104B
CLIENT N
102B
CUSTOMER N
104C
CLIENT 1
104D
CLIENT N
100
114
NETWORK
106
116
LOAD BALANCER
108
APPLICATION SERVER
110
DATABASE SERVER
TELEPHONY SERVER
112
DATACENTER

FIG. 1

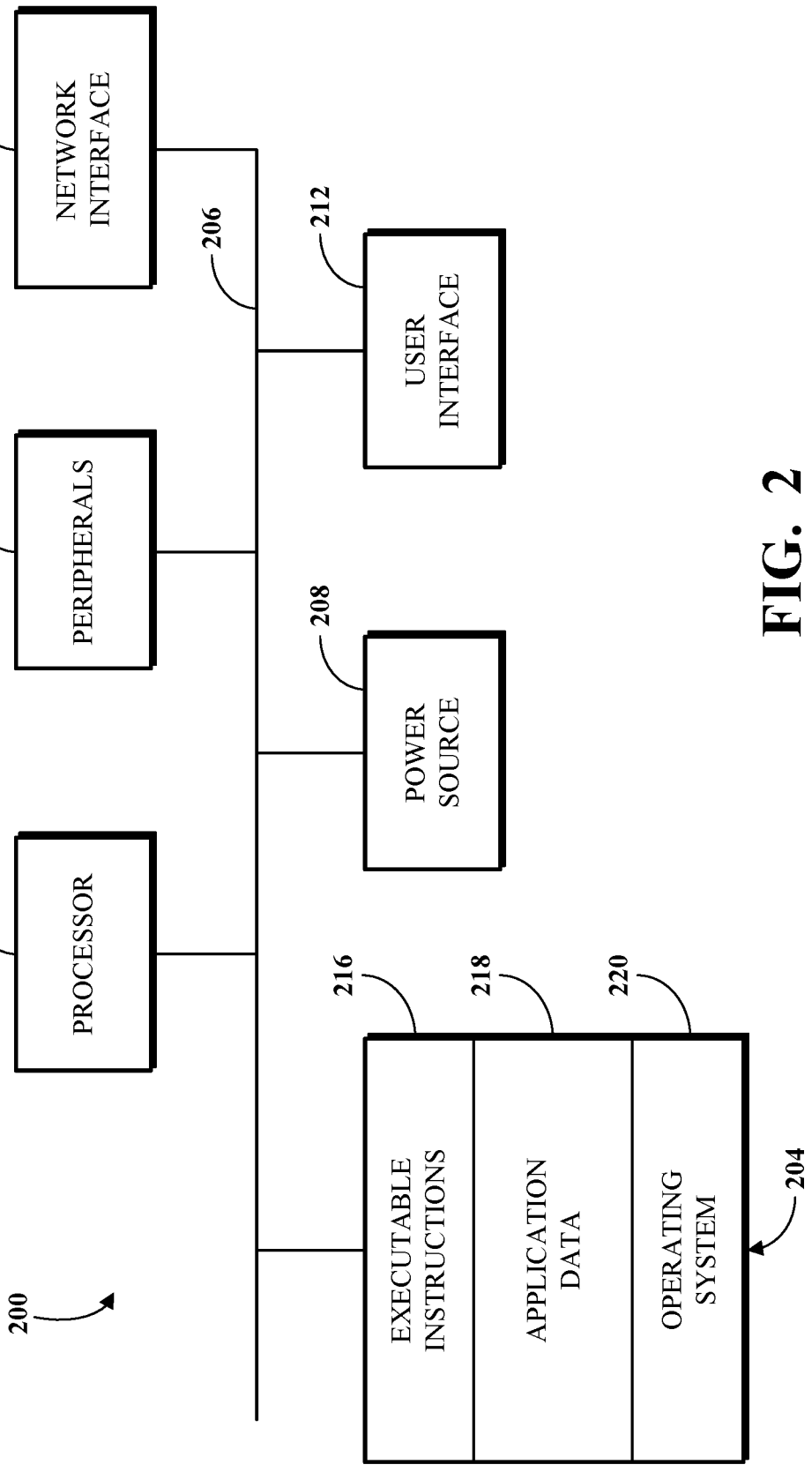

200
PROCESSOR
202
PERIPHERALS
210
NETWORK INTERFACE
214
206
POWER SOURCE
208
USER INTERFACE
212
EXECUTABLE INSTRUCTIONS
216
APPLICATION DATA
218
OPERATING SYSTEM
220
204

FIG. 2

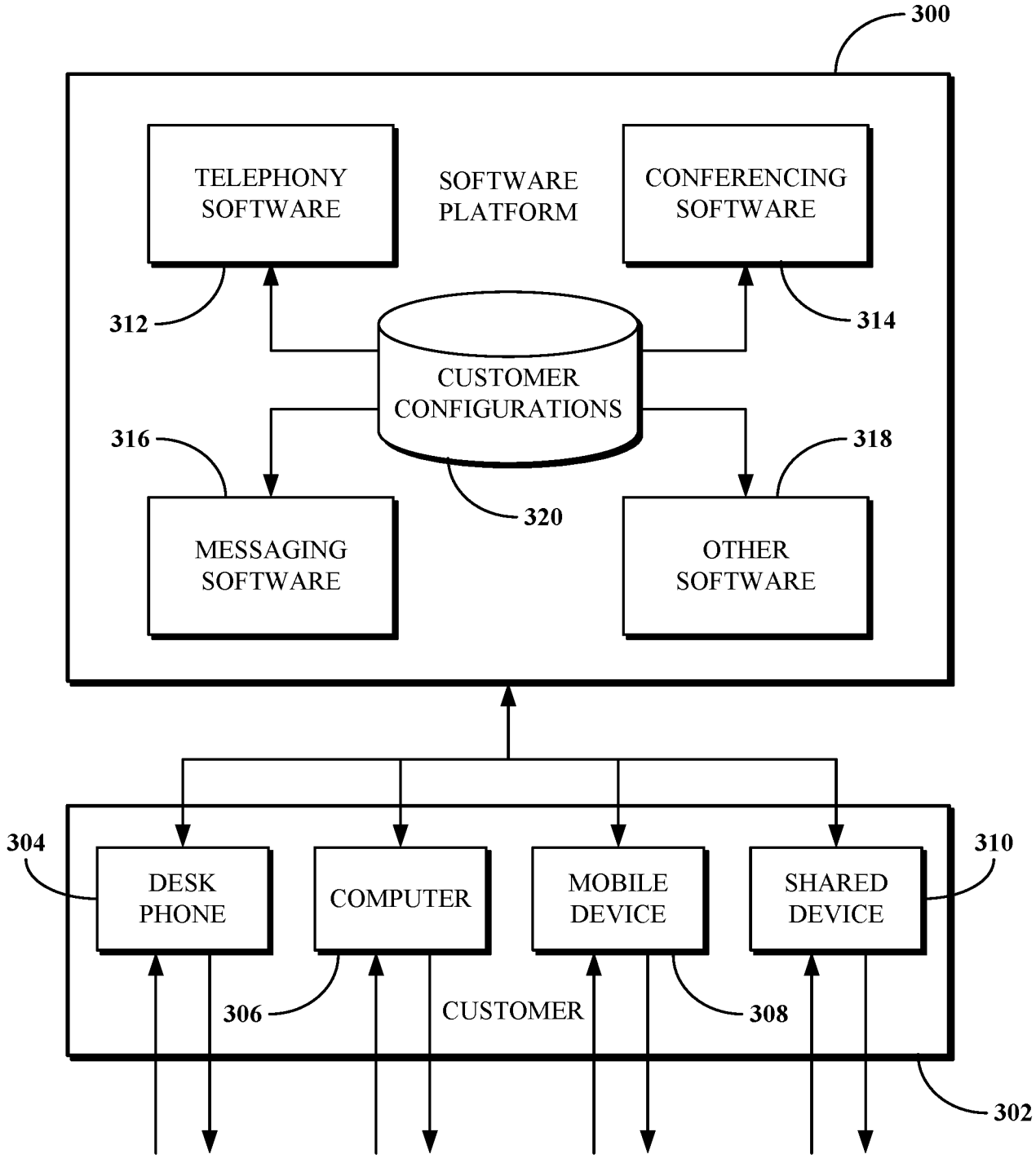

300
TELEPHONY SOFTWARE
SOFTWARE PLATFORM
CONFERENCING SOFTWARE
312
314
CUSTOMER CONFIGURATIONS
316
318
320
MESSAGING SOFTWARE
OTHER SOFTWARE
304
DESK PHONE
COMPUTER
MOBILE DEVICE
SHARED DEVICE
310
306
CUSTOMER
308
302

FIG. 3

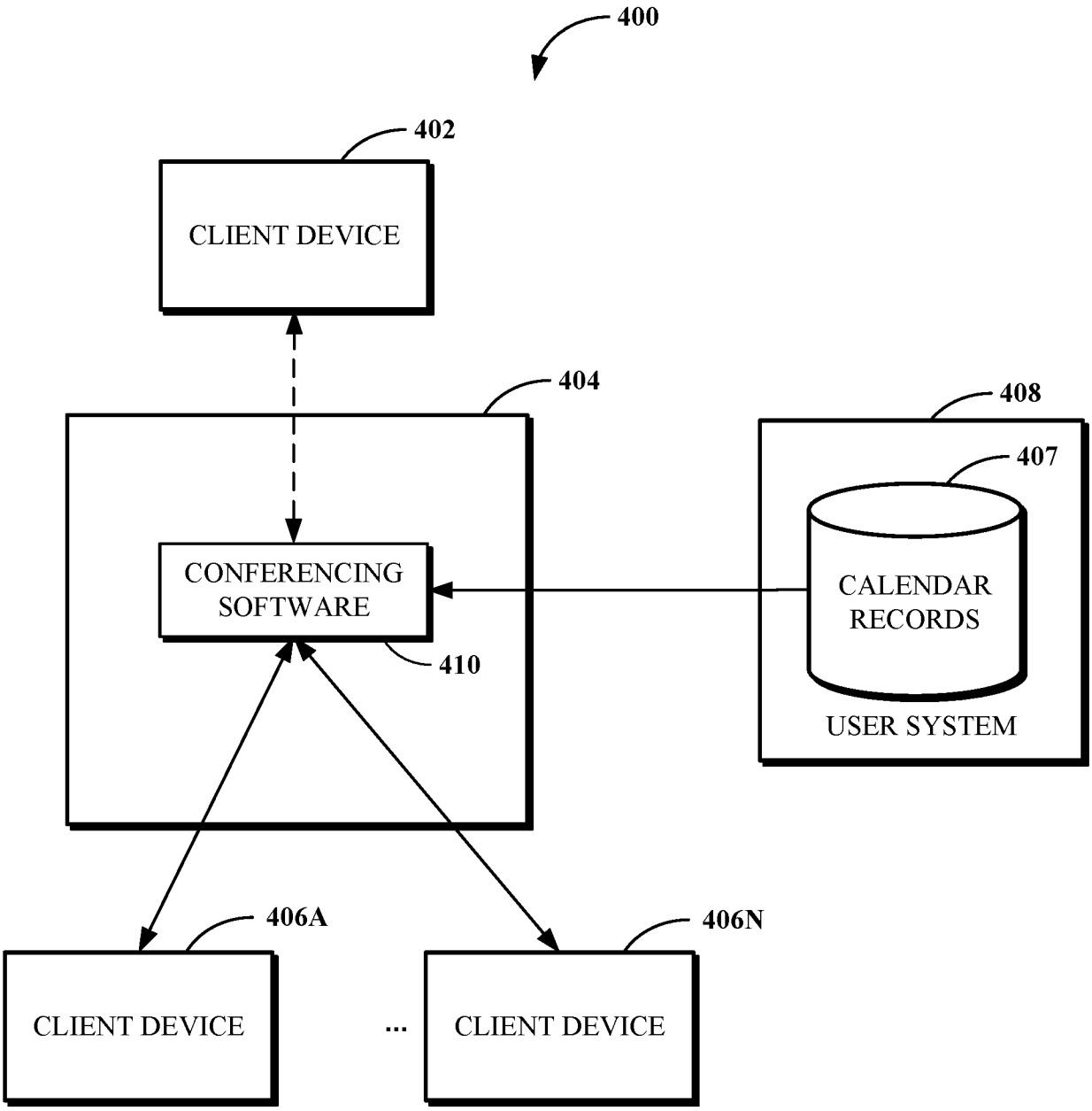

400
402
CLIENT DEVICE
404
408
407
CONFERENCING SOFTWARE
410
CALENDAR RECORDS
USER SYSTEM
406A
406N
CLIENT DEVICE
...
CLIENT DEVICE

FIG. 4

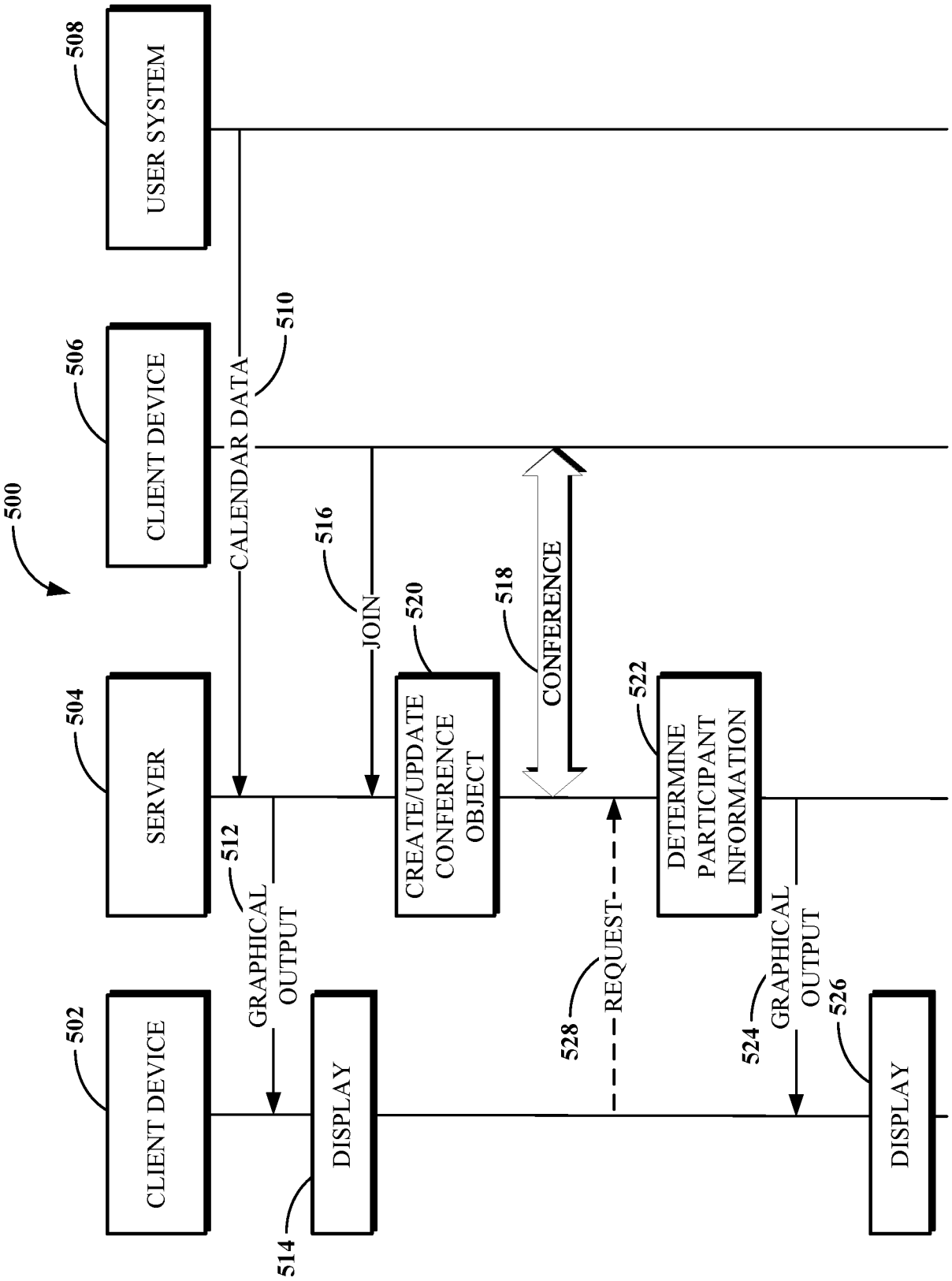

500
USER SYSTEM
508
CLIENT DEVICE
506
SERVER
504
CLIENT DEVICE
502
DISPLAY
514
DISPLAY
526
CALENDAR DATA
510
JOIN
516
CONFERENCE
518
CREATE/UPDATE CONFERENCE OBJECT
520
DETERMINE PARTICIPANT INFORMATION
522
GRAPHICAL OUTPUT
512
REQUEST
528
GRAPHICAL OUTPUT
524

FIG. 5

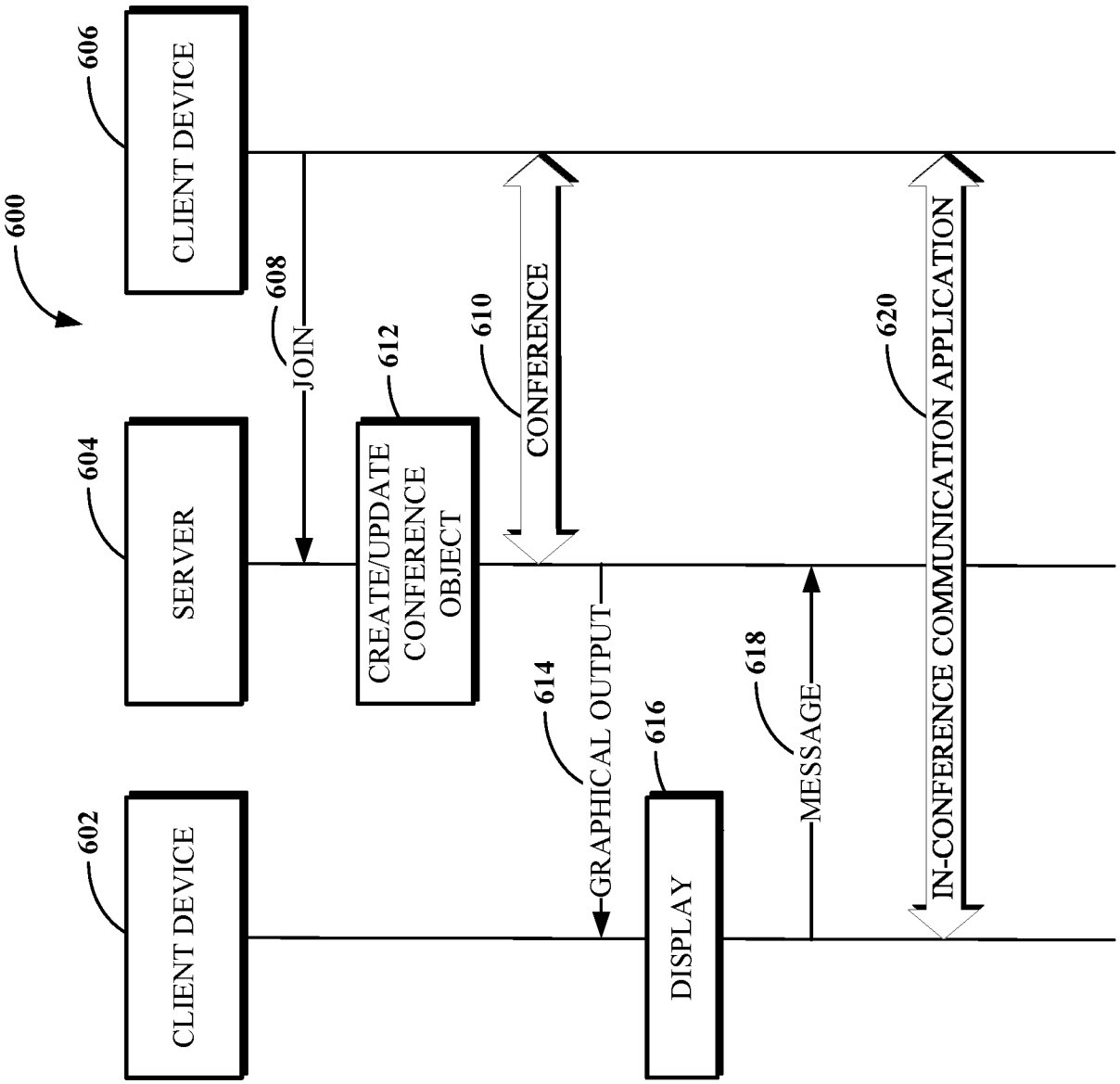

600
606
CLIENT DEVICE
608
JOIN
610
CONFERENCE
620
IN-CONFERENCE COMMUNICATION APPLICATION
604
SERVER
612
CREATE/UPDATE CONFERENCE OBJECT
614
GRAPHICAL OUTPUT
616
DISPLAY
618
MESSAGE
602
CLIENT DEVICE

FIG. 6

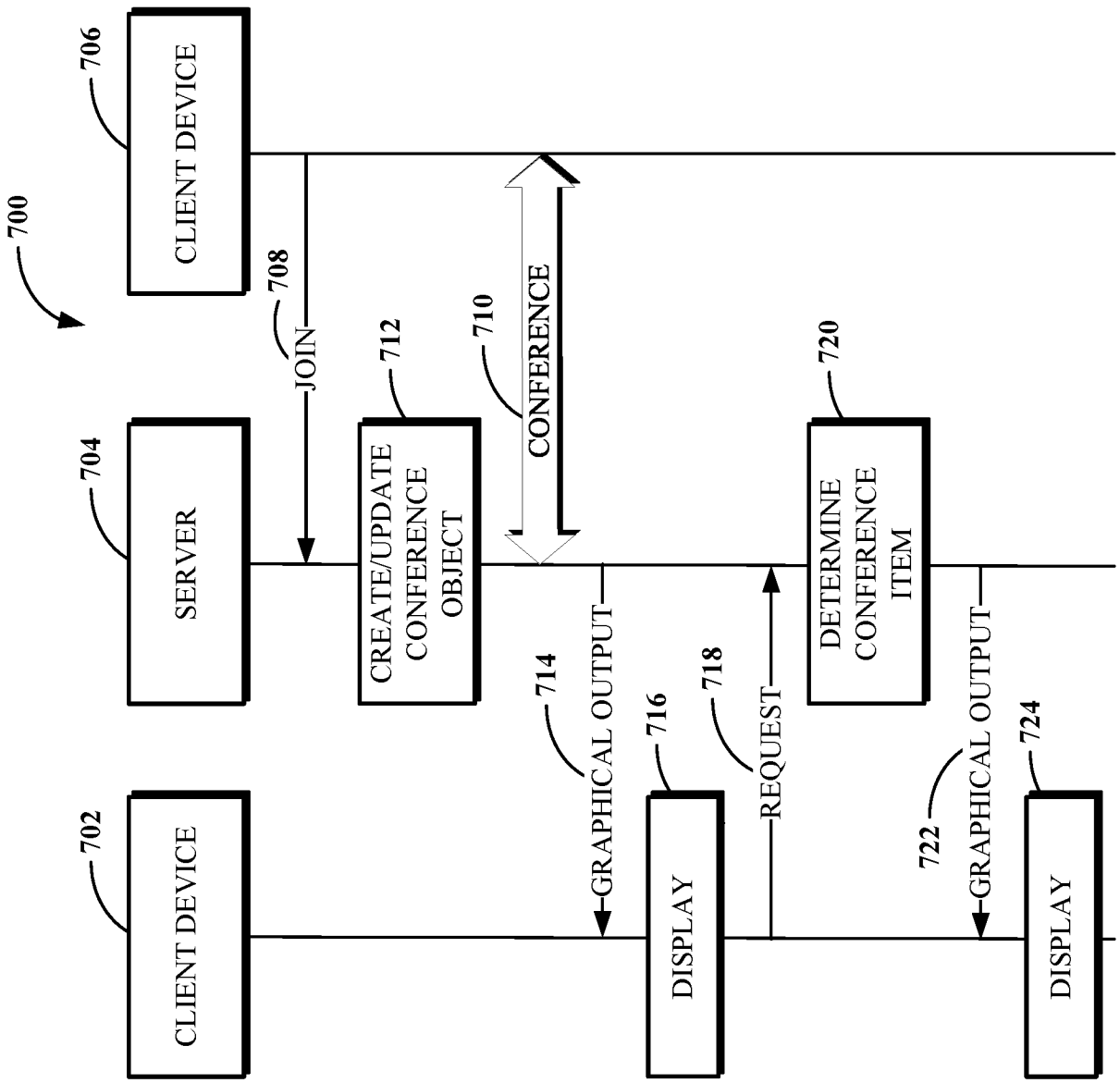

700
CLIENT DEVICE
706
SERVER
704
CLIENT DEVICE
702
JOIN
708
CONFERENCE
710
CREATE/UPDATE CONFERENCE OBJECT
712
GRAPHICAL OUTPUT
714
DISPLAY
716
REQUEST
718
DETERMINE CONFERENCE ITEM
720
GRAPHICAL OUTPUT
722
DISPLAY
724

FIG. 7

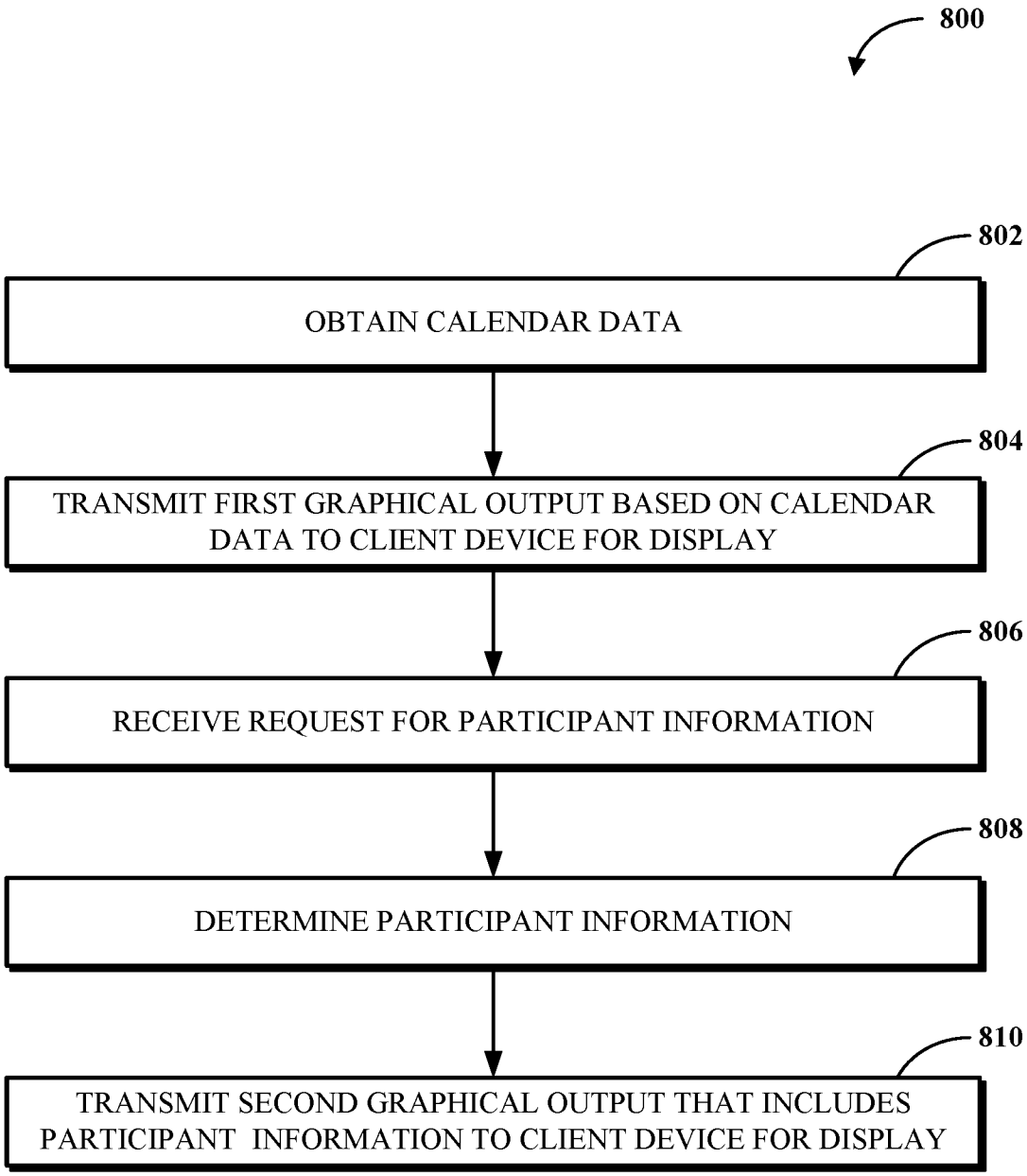

800
802
OBTAIN CALENDAR DATA
804
TRANSMIT FIRST GRAPHICAL OUTPUT BASED ON CALENDAR DATA TO CLIENT DEVICE FOR DISPLAY
806
RECEIVE REQUEST FOR PARTICIPANT INFORMATION
808
DETERMINE PARTICIPANT INFORMATION
810
TRANSMIT SECOND GRAPHICAL OUTPUT THAT INCLUDES PARTICIPANT INFORMATION TO CLIENT DEVICE FOR DISPLAY

FIG. 8

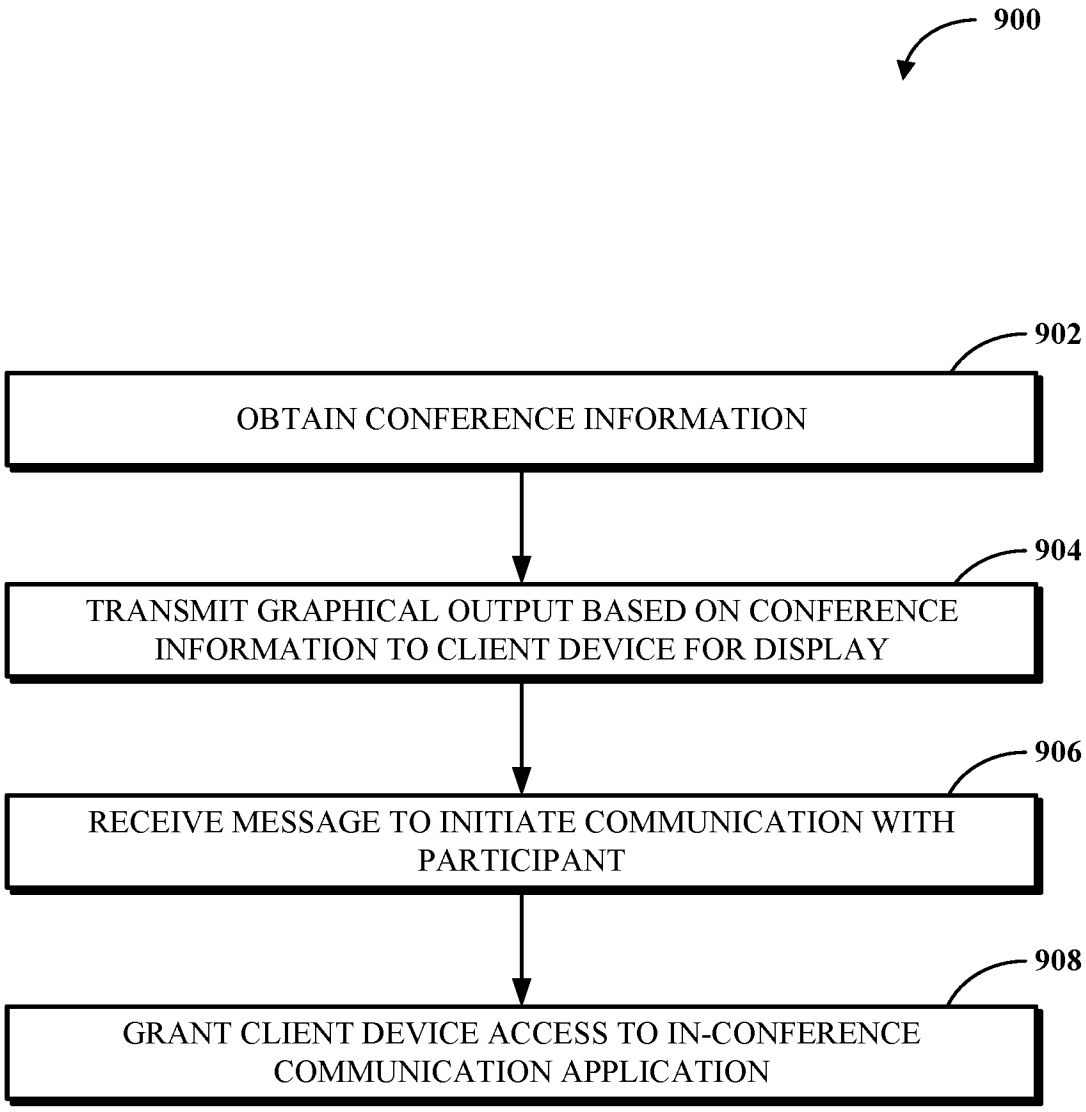

900
902
OBTAIN CONFERENCE INFORMATION
904
TRANSMIT GRAPHICAL OUTPUT BASED ON CONFERENCE INFORMATION TO CLIENT DEVICE FOR DISPLAY
906
RECEIVE MESSAGE TO INITIATE COMMUNICATION WITH PARTICIPANT
908
GRANT CLIENT DEVICE ACCESS TO IN-CONFERENCE COMMUNICATION APPLICATION

FIG. 9

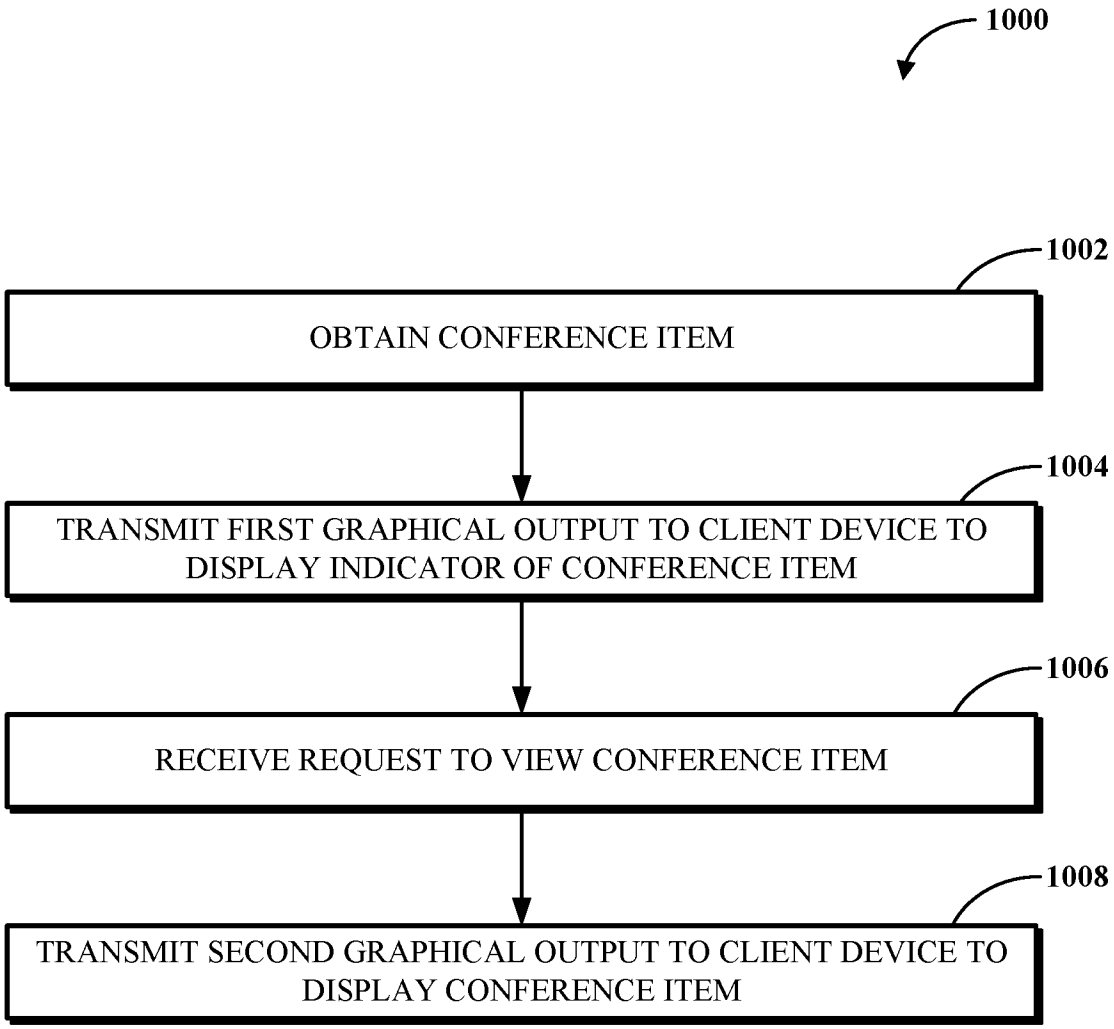

1000
1002
OBTAIN CONFERENCE ITEM
1004
TRANSMIT FIRST GRAPHICAL OUTPUT TO CLIENT DEVICE TO DISPLAY INDICATOR OF CONFERENCE ITEM
1006
RECEIVE REQUEST TO VIEW CONFERENCE ITEM
1008
TRANSMIT SECOND GRAPHICAL OUTPUT TO CLIENT DEVICE TO DISPLAY CONFERENCE ITEM

FIG. 10

PTO/AIA/01 (06-12)
Approved for use through 11/30/2020. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

Title of Invention	Messaging Conference Participants Prior to Joining a Conference

As the below named inventor, I hereby declare that:

This declaration is directed to:

- [x] The attached application, or
- [ ] United States application or PCT international application number _____ filed on _____ .

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

WARNING:

Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available.

LEGAL NAME OF INVENTOR

Inventor: Nick Swerdlow Date (Optional) : Sep 9, 2021

Signature: Nick Swerdlow (Sep 9, 2021 23:02 PDT)

Note: An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form or must have been previously filed. Use an additional PTO/AIA/01 form for each additional inventor.