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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
16/014,578	06/21/2018	Marc A. Cohen	W1186/20011	7094
3000	7590	07/20/2021	EXAMINER	
CAESAR RIVISE, PC 7 Penn Center, 12th Floor 1635 Market Street Philadelphia, PA 19103-2212			DOSHI, AKSHAY	
			ART UNIT	PAPER NUMBER
			2423	
			NOTIFICATION DATE	DELIVERY MODE
			07/20/2021	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):

patents@crbcp.com

DETAILED ACTION

1. The present application, filed on or after March 16, 2013, is being examined under the first inventor to file provisions of the AIA.
2. This Office Action is made in response to the after final filed on 7/6/2021.

Response to Arguments

Applicant's arguments filed in the amendment filed on 7/6/2021 have been fully considered but applicant's arguments are not persuasive. The reasons are set forth below.

Regarding applicant's arguments presented on page 8-9 of applicant's remark document, where applicant argues that Lee sending 1:N message is not same as applicant's invention of user in channel A transmits the message appears in not only channel A, but different channels, namely channels B and C, where applicant refers to the diagram 11A of instant application showing plurality of channels exchanging messages. Applicant argues that nowhere does Lee state that recipient B and C are in a different channel than sender A.

Applicant further argues that Lee in fig. 8B and 8C showing view of the channel on Mr. B's terminal and Mr. C's terminal that are not showing that communication occurring in two or more channels, but these figures are simply showing different views of the same channel, therefore Applicant's claimed feature of two different channels is not disclosed by Lee.

In response the examiner respectfully points out that claim language does not explicitly say that designation to send message cannot be to individual recipients nor claim recites that this individual users have to be part of the group messaging channel different than sending user sending the messages. Also claim does not specify any specific order of operation where channels with multiple users have be created prior to user designating to send message to two different channels. Therefore applicant is arguing unclaimed feature.

In that case, Lee in par. 0069-0072 discloses senders selects N recipients, in current example Mr. B and Mr. C, terminal A receives entered texts via provided UI, par. 0072 discloses senders terminal creates a message and simultaneously transmits the message to selected N recipients. Here Lee initiates the message to be sent to recipient B in first channel, also designates that same message to be send to another recipient C, here since recipient B and C are not in same message group, sending message to each recipients will be in its own channel as message is designated as 1 to many. Each recipient on their own device creates separate messaging channel or group with sender for receiving message without interfering with message channel of each other or being part of the same message channel, each user participating in message exchange that forms separate message exchange channels having different set of participants, in first channel, user A and B and in second channel user A and C.

Therefore Lee meets the claim limitation as claimed, sending of message by first user designating to send message to second user in one channel and sending same message to second user in second channel. Lee further discloses messages

exchanged with each individual recipients are displayed as shown in fig. 8A as further exchange of messages between plurality of participants in each separate channel shown on display screen having their separate message streams.

/A.D/

Examiner, Art Unit 2423

/BENJAMIN R BRUCKART/
Supervisory Patent Examiner, Art Unit 2423

Advisory Action Before the Filing of an Appeal Brief	Application No. 16/014,578	Applicant(s) Cohen, Marc A.	
	Examiner AKSHAY DOSHI	Art Unit 2423	AIA (FITF) Status Yes

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

THE REPLY FILED 06 July 2021 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 37CFR 1.116 and 41.33(a)).

4. ☐ The amendments are not in compliance with 37CFR 1.121. See attached Notice of Non-Compliant Amendment (PTOL-324).

5. ☐ Applicants 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:
 See attached response.

13. ☐ Note the attached Information Disclosure Statement(s). (PTO/SB/08) Paper No(s). _____

14. ☐ Other: _____

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: 1,6,9-10,12,14,16,19 and 21-46.
 Claim(s) withdrawn from consideration: _____

/A.D/ Examiner, Art Unit 2423	/BENJAMIN R BRUCKART/ Supervisory Patent Examiner, Art Unit 2423
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OK TO ENTER: /A.D/

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 16/014,578
First Named Inventor: Marc A. COHEN
Filed: June 21, 2018
Title: PARALLEL MESSAGING APPARATUS AND METHOD THEREOF
Group Art Unit: 2423
Examiner: Akshay DOSHI
Confirmation No.: 7094
Docket No.: W1186/20011

REQUEST FOR RECONSIDERATION UNDER 37 CFR 1.116

EXPEDITED PROCEDURE

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

Sir:

INTRODUCTORY COMMENTS

Responsive to the Office Action dated June 17, 2021, reconsideration of the Final Rejection of Applicant's claims is respectfully requested as follows:

- **Remarks/Arguments** begin on page **2** of this paper.
- The Commissioner for Patents is hereby authorized to charge payment for any additional fee which may be required or to credit any overpayment to Deposit Account No. **03-0075**.
- Any response in this application requiring a petition for extension of time, but failing to include one, should be treated as though it does include the required petition for extension of time.

Doc code: RCEX

PTO/SB/30EFS (07-09)

Doc description: Request for Continued Examination (RCE)

Approved for use through 07/31/2012. 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	16014578	Filing Date	2018-06-21	Docket Number (if applicable)	W1186/20011	Art Unit	2423
First Named Inventor	Marc A. COHEN			Examiner Name	Akshay Doshi		

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 030075

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED

☒ Patent Practitioner Signature

Applicant Signature

Doc code: RCEX

Doc description: Request for Continued Examination (RCE)

PTO/SB/30EFS (07-09)

Approved for use through 07/31/2012. 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	Michael J. Cornelison/	Date (YYYY-MM-DD)	2021-09-09
Name	Michael J. Cornelison	Registration Number	40395

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.

Electronic Patent Application Fee Transmittal				
Application Number:		16014578		
Filing Date:		21-Jun-2018		
Title of Invention:		PARALLEL MESSAGING APPARATUS AND METHOD THEREOF		
First Named Inventor/Applicant Name:		Marc A. Cohen		
Filer:		Michael Cornelison/Robin Wilson		
Attorney Docket Number:		W1186/20011		
Filed as Small Entity				
Filing Fees for Utility under 35 USC 111(a)				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
Pages:				
Claims:				
CLAIMS IN EXCESS OF 20	2202	3	50	150
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Extension-of-Time:				
Miscellaneous:				
RCE- 1ST REQUEST	2801	1	680	680
Total in USD (\$)				830

Electronic Acknowledgement Receipt	
EFS ID:	43716837
Application Number:	16014578
International Application Number:	
Confirmation Number:	7094
Title of Invention:	PARALLEL MESSAGING APPARATUS AND METHOD THEREOF
First Named Inventor/Applicant Name:	Marc A. Cohen
Customer Number:	3000
Filer:	Michael Cornelison/Robin Wilson
Filer Authorized By:	Michael Cornelison
Attorney Docket Number:	W1186/20011
Receipt Date:	09-SEP-2021
Filing Date:	21-JUN-2018
Time Stamp:	10:57:17
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	CARD
Payment was successfully received in RAM	\$830
RAM confirmation Number	E202199A57351656
Deposit Account	
Authorized User	
The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:	

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)	W118620011_RCE.pdf	697607	no	3
			7de5ac2eb1c3f5a1ff06a6c4d7137a9d9a19f7d		
Warnings:					
Information:					
2	Amendment Submitted/Entered with Filing of CPA/RCE	W118620011_RCE_Amendment.pdf	298841	no	16
			7a50c8354dd7f54386f6db74c7cd01378718136c		
Warnings:					
Information:					
3	Fee Worksheet (SB06)	fee-info.pdf	40301	no	2
			3b680bf26e8bdf008d81e6318df495543041d9bc		
Warnings:					
Information:					
Total Files Size (in bytes):			1036749		
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. <u>New Applications Under 35 U.S.C. 111</u> 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. <u>National Stage of an International Application under 35 U.S.C. 371</u> 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. <u>New International Application Filed with the USPTO as a Receiving Office</u> 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.					

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 16/014,578
First Named Inventor: Marc A. COHEN
Filed: June 21, 2018
Title: PARALLEL MESSAGING APPARATUS AND METHOD THEREOF
T.C./A.U.: 2423
Examiner: Akshay DOSHI
Confirmation No.: 7094
Docket No.: W1186/20011

AMENDMENT

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

Sir:

INTRODUCTORY COMMENTS

Responsive to the Final Rejection dated June 17, 2021 and the Advisory Action dated July 20, 2021, please amend the above-identified application as follows:

- **Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.
- **Remarks/Arguments** begin on page 10 of this paper.
- The Commissioner for Patents is hereby authorized to charge payment for any additional fee which may be required or to credit any overpayment to Deposit Account No. **03-0075**.
- Any response in this application requiring a petition for extension of time, but failing to include one, should be treated as though it does include the required petition for extension of time.

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior version, and listing, of claims in the application.

Listing of Claims:

1. (Currently Amended) Apparatus for providing display of exchanged messages, said apparatus comprising:

a memory for storing said messages; and

at least one processor for:

providing display of said messages exchanged between a plurality of participants, said messages are exchanged within channels, said channels include a first channel with a first message stream and a second channel with a second message stream, wherein text to be included in a first of said messages is received into a text entry bar from a first of said participants a) while in said first channel, and b) after said second channel has been created;

receiving a designation from said first of said participants, prior to said first of said messages being transmitted in said first channel and after said second channel has been created, that said first of said messages is to be transmitted in said second channel;

transmitting said first of said messages a) in said first message stream in said first channel; and b) in said second message stream in said second channel after receiving said designation so that said first of said messages appears in said first message stream and said second message stream;

after transmitting said first of said messages in said first channel and said second channel,
providing an indication indicating in at least one of said first channel or said second channel that

said first of said messages was transmitted in ~~both said first channel and said second channel~~more than one of said channels;

allowing a second of said participants while in said first channel and a ~third of said participants while in said second channel to reply to said first of said messages,

wherein at least one of a) said second of said participants is not included in said second channel, or b) said third of said participants is not included in said first channel, when said first of said messages is transmitted.

2. (Cancelled)

3. (Cancelled)

4. (Cancelled)

5. (Cancelled)

6. (Previously Presented) Apparatus according to claim 1, wherein ~said second of said participants receives said first of said messages and replies with a response that is visible to only said first of said participants and said second of said participants.

7. (Cancelled)

8. (Cancelled)

9. (Previously Presented) Apparatus according to claim 1, wherein replying to said first of said message is initiated through physical interaction with a display that is displaying said first of said messages.

10. (Previously Presented) Apparatus according to claim 1, wherein said second of said participants replies with a first response, ~a fourth of said participants replies to said first of said messages in said first channel with a second response, and wherein said first response and said

second response are displayed in a manner so that said first response and said second response are grouped together in said first channel.

11. (Cancelled)

12. (Previously Presented) Apparatus according to claim 1, wherein said designation is performed by said first of said participants inserting one or more characters in said first of said messages to indicate that said first of said messages is to be sent to said first channel and to said second channel.

13. (Cancelled)

14. (Previously Presented) Apparatus according to claim 1, wherein when said second of said participants replies with a third response, said third response is visible to not all but less than all of said plurality of participants that participate in said first channel.

15. (Cancelled)

16. (Previously Presented) Apparatus according to claim 1, wherein said first of said participants indicates with physical action that said first of said messages is to be transmitted to ones of said channels that includes said first channel and said second channel.

17. (Cancelled).

18. (Cancelled)

19. (Currently Amended) A method of providing display of exchanged messages, said method comprising the steps of:

providing display of said messages exchanged between a plurality of participants, said messages are exchanged within channels, said channels include a first channel with a first message stream and a second channel with a second message stream, wherein text to be included in a first

of said messages is received into a text entry bar from a first of said participants a) while in said first channel, and b) after said second channel has been created;

receiving a designation from said first of said participants, prior to said first of said messages being transmitted in said first channel, and after said second channel has been created, that said first of said messages is to be transmitted in said second channel;

transmitting said first of said messages a) in said first message stream in said first channel; and b) in said second message stream in said second channel after receiving said designation so that said first of said messages appears in said first message stream and said second message stream;

~~after transmitting said first of said messages in said first channel and said second channel, providing an indication indicating~~ in at least one of said first channel or said second channel that said first of said messages was transmitted in ~~both said first channel and said second channel~~ more than one of said channels;

allowing a second of said participants while in said first channel and a third of said participants while in said second channel to reply to said first of said messages,

~~wherein at least one of a) said second of said participants is not included in said second channel, or b) said third of said participants is not included in said first channel, when said first of said messages is transmitted.~~

20. (Cancelled)

21. (Previously Presented) Apparatus according to claim 1, wherein said first of said participants is authorized to participate in said first channel and said second channel as a condition of transmitting said first of said messages in said first channel and said second channel.

22. (Previously Presented) Apparatus according to claim 1, wherein responsive to physical interaction with a screen providing said display of said messages, said first channel and said second channel are identified as having transmitted therein said first of said messages and said second of said messages.

23. (Previously Presented) Apparatus according to claim 1, wherein when said second of said participants replies with a third response to said first of said messages in said first channel, said third response is also transmitted in said second channel.

24. (Previously Presented) Apparatus according to claim 1, wherein
said second of said participants replies in said first channel with a first response,
said third of said participants replies in said second channel with a second response,
said first response is visible in said first channel and is prevented from being displayed in said second channel;

said second response is visible in said second channel and is prevented from being displayed in said first channel.

25. (Previously Presented) Apparatus according to claim 1, wherein at least one of said third of said participants is specified by said first of said participants as being authorized to receive said first of said messages; or a fourth participant included in said second channel that is not authorized to receive said first of said messages is prevented from viewing said first of said messages.

26. (Previously Presented) Apparatus according to claim 1, wherein said first of said messages is transmitted in said first channel by default.

27. (Previously Presented) Apparatus according to claim 1, wherein said first of said messages is transmitted in said first channel after said first of said participants selects said first channel for transmitting said first of said messages.

28. (Previously Presented) Apparatus according to claim 1, wherein all but said first of said participants is prevented from receiving said first of said message in said first channel.

29. (Previously Presented) Apparatus according to claim 1, wherein receiving said designation includes identifying said second channel as being where said first of said messages is to be transmitted.

30. (Previously Presented) Apparatus according to claim 1, wherein said indication is provided in said first channel and said second channel.

31. (Previously Presented) A method according to claim 19, wherein said second of said participants receives said first of said messages and replies with a response that is visible to only said first of said participants and said second of said participants.

32. (Previously Presented) A method according to claim 19, wherein replying to said first of said message is initiated through physical interaction with a display that is displaying said first of said messages.

33. (Previously Presented) A method according to claim 19, wherein said second of said participants replies with a first response, a fourth of said participants replies to said first of said messages in said first channel with a second response, and wherein said first response and said second response are displayed in a manner so that said first response and said second response are grouped together in said first channel.

34. (Previously Presented) A method according to claim 19, wherein said designation is performed by said first of said participants inserting one or more characters in said first of said

messages to indicate that said first of said messages is to be sent to said first channel and to said second channel.

35. (Previously Presented) A method according to claim 19, wherein when said second of said participants replies with a third response, said third response is visible to not all but less than all of said plurality of participants that participate in said first channel.

36. (Previously Presented) A method according to claim 19, wherein said first of said participants indicates with physical action that said first of said messages is to be transmitted to ones of said channels that includes said first channel and said second channel.

37. (Previously Presented) A method according to claim 19, wherein said first of said participants is authorized to participate in said first channel and said second channel as a condition of transmitting said first of said messages in said first channel and said second channel.

38. (Previously Presented) A method according to claim 19, wherein responsive to physical interaction with a screen providing said display of said messages, said first channel and said second channel are identified as having transmitted therein said first of said messages and said second of said messages.

39. (Previously Presented) A method according to claim 19, wherein when said second of said participants replies with a third response to said first of said messages in said first channel, said third response is also transmitted in said second channel.

40. (Previously Presented) A method according to claim 19, wherein:
said second of said participants replies in said first channel with a first response,
said third of said participants replies in said second channel with a second response,
said first response is visible in said first channel and is prevented from being displayed in said second channel;

said second response is visible in said second channel and is prevented from being displayed in said first channel.

41. (Previously Presented) A method according to claim 19, wherein at least one of said third of said participants is specified by said first of said participants as being authorized to receive said first of said messages; or a fourth participant included in said second channel that is not authorized to receive said first of said messages is prevented from viewing said first of said messages.

42. (Previously Presented) A method according to claim 19, wherein said first of said messages is transmitted in said first channel by default.

43. (Previously Presented) A method according to claim 19, wherein said first of said messages is transmitted in said first channel after said first of said participants selects said first channel for transmitting said first of said messages.

44. (Previously Presented) A method according to claim 19, wherein all but said first of said participants is prevented from receiving said first of said message in said first channel.

45. (Previously Presented) A method according to claim 19, wherein receiving said designation includes identifying said second channel as being where said first of said messages is to be transmitted.

46. (Previously Presented) A method according to claim 19, wherein said indication is provided in said first channel and said second channel.

47. (Newly Added) Apparatus according to claim 1, wherein said previous message is transmitted to said third of said participants in said second channel without being transmitted to said second of said participants in said first channel.

48. (Newly Added) Apparatus according to claim 1, wherein said more than one of said channels includes both said first channel and said second channel.

49. (Newly Added) Apparatus according to claim 1, wherein a previous message is allowed to be transmitted from said first of said participants to said third of said participants in said second channel before said first of said messages is transmitted in said second channel to said third of said participants.

REMARKS

Claim 1, 6, 9, 10, 12, 14, 16, 19, and 21-48 are pending. Claims 1 and 19 have been amended. Claims 47 - 49 are newly added. All pending claims (except for newly added claims 47 - 49) have been rejected.

The present application generally relates to a group messaging system. In some exemplary situations, it is useful for a user of a messaging system to be able to transmit a “first” message in multiple message channels. Thus, the “first” message is transmitted in a “first” channel and in a “second” channel. At least one participant in the first channel and at least another participant in the second channel can reply to the first message. The second channel is designated before the message is transmitted in the first channel.

The previously filed Office Action responses include a more detailed summary of the present application. Please see the previously filed amendments if a more detailed summary is desired.

Applicant’s claims have previously been rejected under 35 U.S.C. §103 based on the combination of Lee, Soroker and Blair. Applicant traversed that rejection; the PTO found the traversal to be unpersuasive. An Advisory Action was issued with a detailed explanation of why the rejection was sustained. The Advisory Action summarized Applicant’s arguments as follows:

- 1) Applicant argues that nowhere does Lee state that recipient B and C are in a different channel than sender A; and
- 2) Applicant’s claimed feature of two different channels is not disclosed by Lee.

Summary 1) is not quite correct. Applicant’s Sender A and recipient B are in the same channel. Applicant’s Sender A and recipient C are in different channels. One aspect of the invention is that the message sent by Sender A is received by recipient C even though recipient C

is in a different channel than Sender A. By contrast in Lee, Applicant maintains that A, B and C are all in same channel.

Summary 2) is correct. Applicant maintains that two different channels are not disclosed by Lee.

The Advisory Action takes the following position that Applicant respectfully traverses:

Here Lee initiates the message to be sent to recipient B in first channel, also designates that same message to be send to another recipient C, here since recipient B and C are not in same message group, sending message to each recipients will be in its own channel as message is designated as 1 to many. Each recipient on their own device creates separate messaging channel or group with sender for receiving message without interfering with message channel of each other or being part of the same message channel

Applicant maintains that Lee does not send a message to each recipient “in its own channel” (in contrast with the position taken by the Advisory Action). Rather, Applicant maintains that Lee sends a message to recipients B and C in the same channel. Applicant maintains that Lee does not disclose that “each recipient on their own device creates a separate messaging channel.” Rather, Applicant maintains that both of Lee’s recipients send their replies in the same channel that they receive the initial message from sender A.

Regarding the above disagreement, Applicant respectfully disagrees with the PTO because nowhere does Lee state that recipient B and C are in their own channels, and Lee nowhere states that each recipient on their own device creates a separate messaging channel. The Advisory Action states that messages to recipient B and C are sent in their own channels, but the Advisory Action provides no column or line numbers to support its position. The Advisory Action states that each

recipient “creates separate messaging channel,” but again provides no column or line numbers to support its position. In addition, if judicial notice is being taken, Applicant respectfully traverses (MPEP 2144.03).

Notwithstanding the above, and in addition to Applicant’s traversal, Applicant has added additional features to its independent claims in the interest of expediting prosecution.

Applicant notes the following language which appears in the Advisory Action, page 3, paragraph 1:

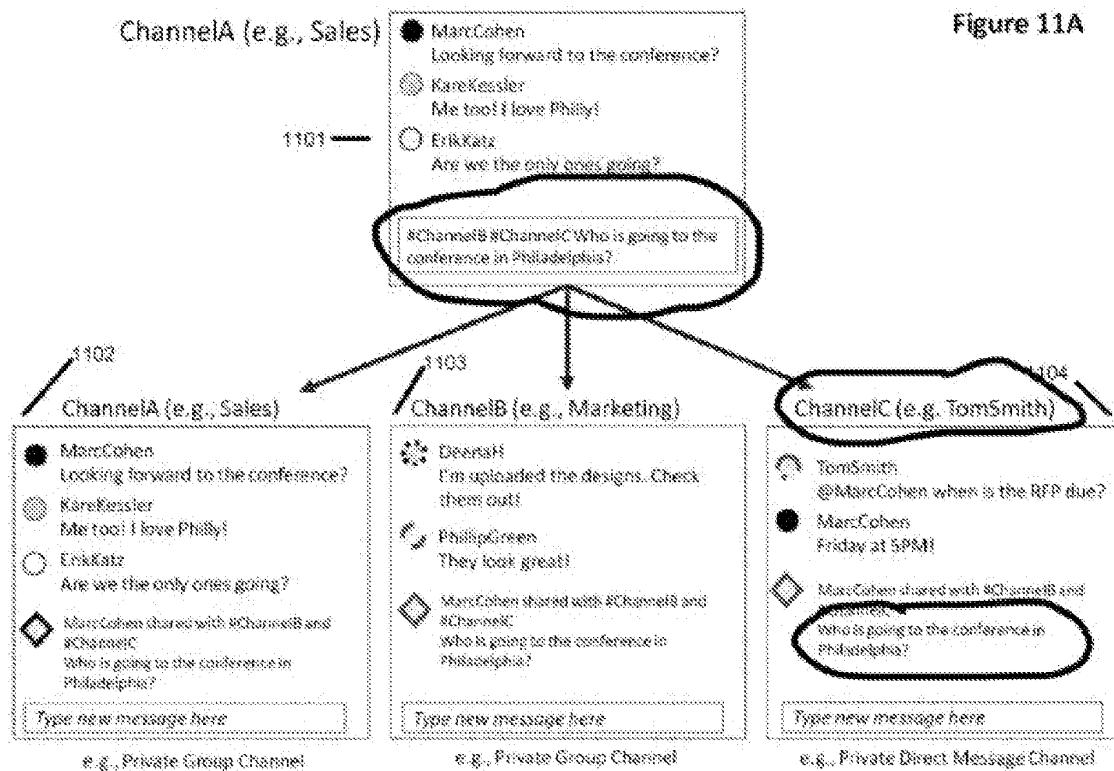
Also the claim does not specify any specific order of operation where channels with multiple users have to be created prior to user designating to send message to two different channels.

Applicant has now amended the claims to provide a further distinguishing feature over Lee and the secondary references. In particular, claim 1 now recites:

...text to be included in a first of said messages is received into a text entry bar from a first of said participants a) while in said first channel, and b) after said second channel has been created... (emphasis added)

The above features are supported by the originally filed application in FIG. 11A and the originally filed application at paragraphs [149] and [150] (as published). No new matter has been added.

Note in FIG. 11A that MarcCohen entered into the text entry bar the message “Who is going to the conference in Philadelphia?” and that MarcCohen’s message was received into the text entry bar AFTER channel C was created:



The Advisory Action has taken the position that the channels in which the recipients receive their message are only created after the sender initiates the message to BOTH recipients. While Applicant respectfully disagrees with that position, Applicant has added the above claimed features in order to expedite prosecution. Page 3, paragraph 2 of the Advisory Action states:

**Each recipient on their own device creates separate messaging channel
 or group with sender for receiving message...**

By contrast, Applicant claims that text to be included in a first of said messages is received into a text entry bar from a first of said participants while in said first channel - and after the second channel has been created. When Lee performs the step of a sender sharing a message to a first recipient in the first channel and the second recipient in (allegedly) the second channel, Lee's

second channel does not yet exist. Put another way, Lee (as interpreted by the Advisory Action) and Applicant's claim 1 are totally backwards as far as existence of the second channel. In Applicant's claim 1, the second channel exists when Applicant is entering the text that will be shared with the second channel. The Advisory Action's interpretation of Lee is that the second channel is not created until after the sender shares the message with both recipients. The present rejection thus cannot be sustained. The secondary references do not make up for the deficiency of the primary reference. Withdrawal of the rejection is respectfully requested.

Claim 19, while not identical to claim 1, is patentable for reasons similar to those set forth above with regard to claim 1.

The remaining claims are patentable by virtue of their dependency on amended claims 1 and 19.

Claims 47 - 49 are newly added and are supported by FIG. 11A of the originally filed application. FIG. 11A shows a message shared by MarcCohen in Channel C that is not also shared in Channel A (or Channel B). FIG. 11A also shows an example of an indication that MarcCohen's message was shared in multiple channels ("MarcCohen shared with #ChannelB and #ChannelC"). FIG. 11A also shows that MarcCohen shared the message "Friday at 5PM" with Channel C before MarcCohen shared the message "Who is going to the conference in Philadelphia?" with Channel C.

No new matter has been added.

Applicant has also added the following language to the claims:

...wherein at least one of a) said second of said participants is not included in said second channel; or b) said third of said participants is

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**not included in said first channel, when said first of said messages is
transmitted, and**

As an example of the above claim language and referring to Applicant's FIG. 11A, either KareKessler is not included in ChannelC or TomSmith is not included in ChannelA. No new m has been added.

This application is in condition for allowance which action is respectfully requested.

Respectfully submitted,
CAESAR RIVISE, PC

September 9, 2021

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Please charge or credit our Account
No. 03-0075 as necessary to effect
entry and/or ensure consideration of
this submission.

PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875				Application or Docket Number 16/014,578		Filing Date 06/21/2018		☐ To be Mailed	
ENTITY: ☐ LARGE ☒ SMALL ☐ MICRO									
APPLICATION AS FILED - PART I									
	(Column 1)	(Column 2)							
FOR	NUMBER FILED	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), (l), 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(j))	minus 20 =	*			x \$50 =				
INDEPENDENT CLAIMS (37 CFR 1.16(h))	minus 3 =	*			x \$230 =				
☐ 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	09/09/2021	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA		RATE (\$)		ADDITIONAL FEE (\$)	
	Total (37 CFR 1.16(j))	* 37	Minus ** 34	= 3		x \$ 50 =		150	
	Independent (37 CFR 1.16(h))	* 2	Minus *** 3	= 0		x \$ 240 =		0	
	☐ Application Size Fee (37 CFR 1.16(s))								
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))								
						TOTAL ADD'L FEE		150	
AMENDMENT		CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA		RATE (\$)		ADDITIONAL FEE (\$)	
	Total (37 CFR 1.16(j))	*	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.						SLIE			
** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".						/RANELL D GRAY/			
*** 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.**

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
16/014,578	06/21/2018	Marc A. Cohen	W1186/20011	7094
3000	7590	12/10/2021	EXAMINER	
CAESAR RIVISE, PC 7 Penn Center, 12th Floor 1635 Market Street Philadelphia, PA 19103-2212			DOSHI, AKSHAY	
			ART UNIT	PAPER NUMBER
			2423	
			NOTIFICATION DATE	DELIVERY MODE
			12/10/2021	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):

patents@crbcp.com

DETAILED ACTION

1. The present application, filed on or after March 16, 2013, is being examined under the first inventor to file provisions of the AIA.
2. In the event the determination of the status of the application as subject to AIA 35 U.S.C. 102 and 103 (or as subject to pre-AIA 35 U.S.C. 102 and 103) is incorrect, any correction of the statutory basis for the rejection will not be considered a new ground of rejection if the prior art relied upon, and the rationale supporting the rejection, would be the same under either status.

Continued Examination Under 37 CFR 1.114

3. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on 9/9/2021 has been entered.

Claim Status

Claims 1 and 19 are amended.

Claims 2-5, 7-8, 11, 13, 15, 17, 18, and 20 are canceled.

Claims 47-49 are newly added.

Claims 1, 6, 9-10, 12, 14, 16, 19, and 21-49 are presented for examination.

Response to Arguments

Applicant's arguments presented in the amendments filed on 9/9/2021 have fully been considered but are moot because of the new ground of rejection.

Claim Rejections - 35 USC § 103

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 of this title, 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.

4. Claims 1, 6, 9, 16, 19, 21-23, 26, 27, 29-32, 36-39, 42-43, 45-46, 48, and 49 are rejected under U.S.C. 103 as being unpatentable over Chen et al. (US 20180359292), in view of Blair (US 20140096033).

Regarding claim 1, Chen discloses, Apparatus for providing display of exchanged messages (see par. 0033-0035, fig. 5), **said apparatus comprising:**

a memory for storing said messages (see par. 0033-0035, fig. 5); **and**

at least one processor (see par. 0033-0035, fig. 5) **for:**

providing display of said messages exchanged between a plurality of participants (par. 0021 fig. 2C discloses GUIs 200 and 220, providing display of group chat between members of chat window), **said messages are exchanged within**

channels, said channels include a first channel with a first message stream and a second channel with a second message stream (par. 0021, fig. 2C discloses two separate message streams within each group chat GUI or channel), **wherein text to be included in a first of said messages is received into a text entry bar from a first of said participants a) while in said first channel, and b) after said second channel has been created** (Par. 0021 fig. 2C discloses that The input area 205 is configured to receive text and other input which, when submitted (e.g., via the submit button 207) is displayed in the group chat window 202, and the GUI 220, i.e. text entry bar 105 receives user input text "THANKS TYLER" as shown in fig. 2C while user is in chat channel 202 and that is after the chat channel 220 is already established);

receiving a designation from said first of said participants, prior to said first of said messages being transmitted in said first channel and after said second channel has been created, that said first of said messages is to be transmitted in said second channel (Par. 0021 fig. 2C discloses, The input area 205 is configured to receive text and other input which, when submitted (e.g., via the submit button 207) is displayed in the group chat window 202, here user selecting button 207, submit to all = designating by USER A to transmit the message in first chat channel 202 and second chat channel 220, as shown in fig. 2D message "THANKS TYLER" gets transmitted in both of chat channels 202 and 220, further to that, par. 0027, fig. 2B discloses, the user may (i.e. first user of the chat group "work") select each of the three users depicted in the window 210. Each selected user would be presented a respective chat window 220, i.e. three channels are created for members of the chat group "work" to chat with three external users, par. 0027 further discloses GUI 200 further provides

the members of the group chat input areas to send messages to group (i.e. within chat channel 202) as well as to one or more of the external users, for example send a message to two of the three external users but not the third external user, i.e. receiving designation of which of the external users (i.e. in their created respective chat channel) to get the message in order to send message in one of the specific external user's channel and not to other external user's channels);

transmitting said first of said messages a) in said first message stream in said first channel; and b) in said second message stream in said second channel after receiving said designation so that said first of said messages appears in said first message stream and said second message stream (par. 0021, fig. 2D, user A sending "THANKS TYLER" message by designating the message to be sent to all, therefore in to both the channels, chat channel 202 and 220);

allowing a second of said participants while in said first channel and a third of said participants while in said second channel to reply to said first of said messages (fig. 2C-2F, par. 0021-0026 discloses that users of "work" chat group or channel window 202 are allowed to chat with each other therefore allowed to replay to messages, and the user TYLER123 (i.e. third of all participants) in chat channel 220 is able reply to message from users of "work" chat group or channel),

wherein at least one of a) said second of said participants is not included in said second channel, or b) said third of said participants is not included in said first channel, when said first of said messages is transmitted (fig. fig. 2C par. 0021 discloses other participants (i.e. second participants) of the "Work" chat group is not included in chat channel 220, while TYLER123 is not a member of "Work" chat group,

as user TYLER123 does not see all the communications among users of the “work” chat group).

Chen does not disclose, after transmitting said first of said messages in said first channel and said second channel, indicating in at least one of said first channel or said second channel that said first of said messages was transmitted in more than one of said channels.

However Blair teaches, after transmitting said first of said messages in said first channel and said second channel, providing an indication in at least one of said first channel or said second channel that said first of said messages was transmitted in both said first channel and said second channel (par. 0157 discloses, in this example we can see (40) that the original message was sent “To:” Jane S and Joe B and has been received by them (not greyed out), i.e. sending message to two different people therefore two different channel as each individual recipient can control direct communication with sender, fig. 13 shows that this message was sent 23 min ago, therefore that indicates that transmission of message has occurred).

It would have been obvious to one of ordinary skill in the art before the effective filing date of the invention to modify the combination of **Chen** to include features of providing indication in the first channel or second channel that the message was transmitted in both the first channel and the second channel, a taught by **Blair**, to determine who are the recipient of the message that message was sent to, as disclosed in **Blair** fig. 0157.

Regarding claim 6, Apparatus according to claim 1,

Chen further discloses, wherein said second of said participants receives said first of said messages and replies with a response that is visible to only said first of said participants and said second of said participants (par. 0021, the input area 204 is configured to receive text and other input which, when submitted (e.g., via the submit button 206), is displayed in the group chat window 202 (e.g., to the members of the group chat), but not displayed in the GUI 220, i.e. user replies or conversations within chat group 202 is only visible to members of chat group 202).

Regarding claim 9, Apparatus according to claim 1,

Chen further discloses, wherein replaying to said first of said message is initiated through physical interaction with a display that is displaying said first of said messages (par. 0022 discloses The GUI 220 also includes an input box 221 that allows the user Tyler123 to submit messages, par. 0036 discloses output device touch screen display).

Regarding claim 16, Apparatus according to claim 1,

Chen further discloses, wherein said first of said participants indicates with physical action that said first of said message is to be transmitted to ones of said channels that includes said first channel and said second channel (Par. 0021 fig. 2C discloses, The input area 205 is configured to receive text and other input which, when submitted (e.g., via the submit button 207) is displayed in the group chat window 202, here user selecting button 207, submit to all = designating by USER A to transmit

the message in first chat channel 202 and second chat channel 220, as shown in fig. 2D message "THANKS TYLER" gets transmitted in both of chat channels 202 and 220, par. 0036 discloses output device touch screen display, touch screen display = physical action of interacting with screen to send message) .

Regarding claim 19, Chen discloses, a method of providing display of exchanged messages, said method comprising the steps of:

providing display of said messages exchanged between a plurality of participants (par. 0021 fig. 2C discloses GUIs 200 and 220, providing display of group chat between members of chat window), **said messages are exchanged within channels, said channels include a first channel with a first message stream and a second channel with a second message stream** (par. 0021, fig. 2C discloses two separate message streams within each group chat GUI or channel), **wherein text to be included in a first of said messages is received into a text entry bar from a first of said participants a) while in said first channel, and b) after said second channel has been created** (Par. 0021 fig. 2C discloses that The input area 205 is configured to receive text and other input which, when submitted (e.g., via the submit button 207) is displayed in the group chat window 202, and the GUI 220, i.e. text entry bar 105 receives user input text "THANKS TYLER" as shown in fig. 2C while user is in chat channel 202 and that is after the chat channel 220 is already established);

receiving a designation from said first of said participants, prior to said first of said messages being transmitted in said first channel and after said second channel has been created, that said first of said messages is to be

transmitted in said second channel (Par. 0021 fig. 2C discloses, The input area 205 is configured to receive text and other input which, when submitted (e.g., via the submit button 207) is displayed in the group chat window 202, here user selecting button 207, submit to all = designating by USER A to transmit the message in first chat channel 202 and second chat channel 220, as shown in fig. 2D message “THANKS TYLER” gets transmitted in both of chat channels 202 and 220, further to that, par. 0027, fig. 2B discloses, the user may (i.e. first user of the chat group “work”) select each of the three users depicted in the window 210. Each selected user would be presented a respective chat window 220, i.e. three channels are created for members of the chat group “work” to chat with three external users, par. 0027 further discloses GUI 200 further provides the members of the group chat input areas to send messages to group (i.e. within chat channel 202) as well as to one or more of the external users, for example send a message to two of the three external users but not the third external user, i.e. receiving designation of which of the external users (i.e. in their created respective chat channel) to get the message in order to send message in one of the specific external user’s channel and not to other external user’s channels);

transmitting said first of said messages a) in said first message stream in said first channel; and b) in said second message stream in said second channel after receiving said designation so that said first of said messages appears in said first message stream and said second message stream (par. 0021, fig. 2D, user A sending “THANKS TYLER” message by designating the message to be sent to all, therefore in to both the channels, chat channel 202 and 220);

allowing a second of said participants while in said first channel and a third of said participants while in said second channel to reply to said first of said messages (fig. 2C-2F, par. 0021-0026 discloses that users of “work” chat group or channel window 202 are allowed to chat with each other therefore allowed to replay to messages, and the user TYLER123 (i.e. third of all participants) in chat channel 220 is able reply to message from users of “work” chat group or channel),

wherein at least one of a) said second of said participants is not included in said second channel, or b) said third of said participants is not included in said first channel, when said first of said messages is transmitted (fig. fig. 2C par. 0021 discloses other participants (i.e. second participants) of the “Work” chat group is not included in chat channel 220, while TYLER123 is not a member of “Work” chat group, as user TYLER123 does not see all the communications among users of the “work” chat group).

Chen does not disclose, after transmitting said first of said messages in said first channel and said second channel, indicating in at least one of said first channel or said second channel that said first of said messages was transmitted in more than one of said channels.

However Blair teaches, after transmitting said first of said messages in said first channel and said second channel, providing an indication in at least one of said first channel or said second channel that said first of said messages was transmitted in both said first channel and said second channel (par. 0157 discloses, in this example we can see (40) that the original message was sent “To:” Jane S and Joe B and has been received by them (not greyed out), i.e. sending

message to two different people therefore two different channel as each individual recipient can control direct communication with sender, fig. 13 shows that this message was sent 23 min ago, therefore that indicates that transmission of message has occurred).

It would have been obvious to one of ordinary skill in the art before the effective filing date of the invention to modify the combination of **Chen** to include features of providing indication in the first channel or second channel that the message was transmitted in both the first channel and the second channel, a taught by **Blair**, to determine who are the recipient of the message that message was sent to, as disclosed in **Blair** fig. 0157.

Regarding claim 21, Apparatus according to claim 1,

Chen further discloses, wherein said first of said participants is authorized to participate in said first channel and said second channel as a condition of transmitting said first of said messages in said first channel and said second channel (par. 0020-0021, 2B discloses, a user of the chat group "Work" initiates and opens chat GUI 220 for sending message to external user, i.e. members of the chat group "work" are authorized to send messages in chat channel 220, par. 0021 the input area 204 is configured to receive text and other input which, when submitted (e.g., via the submit button 206), is displayed in the group chat window 202 (e.g., to the members of the group chat), i.e. group members are authorized to send messages to other members in chat group).

Regarding claim 22, Apparatus according to claim 1,

Chen in view of Blair discloses, wherein responsive to physical interaction with a screen providing said display of said messages, said first channel and said second channel are identified as having transmitted therein said first of said messages and said second of said messages (Blair, par. 0136, fig. 5 discloses The user may click on controls (33), (34) to expand or collapse a message respectively, par. 0157In this example we can see (40) that the original message was sent "To:" Jane S and Joe B and has been received by them (not greyed out, i.e. message was sent to two recipient and was transmitted to them, sending message to two different people therefore two different channel as each individual recipient can control direct communication with sender)).

Regarding claim 23, Apparatus according to claim 1,

Chen in view of Blair discloses, wherein when said second of said participants replies with a third response to said first of said messages in said first channel, said third response is also transmitted in said second channel (Blair par. 0254-0256, fig. 13 discloses John Doe sends the initial message to Jane Smith and Joe Brown and Jane clicks "Reply All" and responds, i.e. when Jane replies to senders (i.e. that is in first channel directly with sender), the replay is also transmitted to Joe Brown, Joe Brown is a second communication channel of sender John Doe).

Regarding claim 26, Apparatus according to claim 1,

Chen further discloses, wherein said first of said messages is transmitted in said first channel by default (par. 0021 discloses, the input area 204 is configured to receive text and other input which, when submitted (e.g., via the submit button 206), is displayed in the group chat window 202 (e.g., to the members of the group chat), but not displayed in the GUI 220 (e.g., Tyler123 cannot view). The input area 205 is configured to receive text and other input which, when submitted (e.g., via the submit button 207) is displayed in the group chat window 202, and the GUI 220, i.e. in each of the option message gets transmitted in group chat by default).

Regarding claim 27, Apparatus according to claim 1,

Chen further discloses, wherein said first of said messages is transmitted in said first channel after said first of said participants selects said first channel for transmitting said first of said messages (par. 0021 discloses, the input area 204 is configured to receive text and other input which, when submitted (e.g., via the submit button 206), is displayed in the group chat window 202 (e.g., to the members of the group chat), but not displayed in the GUI 220, i.e. when message is selected to be transmitted in group chat only, message only gets transmitted in group chat or first channel).

Regarding claim 29, Apparatus according to claim 1,

Chen further discloses, wherein receiving said designation includes identifying said second channel as being where said first of said messages is to be transmitted (par. 0027, fig. 2B discloses, the user may (i.e. first user of the chat

group “work”) select each of the three users depicted in the window 210. Each selected user would be presented a respective chat window 220, i.e. three channels are created for members of the chat group “work” to chat with three external users, par. 0027 further discloses GUI 200 further provides the members of the group chat input areas to send messages to group as well as to one or more of the external users, for example send a message to two of the three external users but not the third external user, i.e. receiving designation of which of the external users (i.e. in their created respective chat channel) to get the message in order to send message in one of the specific external user’s channel and not to other external user’s channels).

Regarding claim 30, Apparatus according to claim 1,

Chen in view of Blair discloses, wherein said indication is provided in said first channel and said second channel (Blair par. 0254-0256, fig. 13 discloses John Doe sends the initial message to Jane Smith and Joe Brown i.e. indication in first channel shows that message was transmitted to different recipient therefore two different channel, and since second recipient Joe Brown receiver the message (i.e. in second channel), it also shows to Joe Brown indication that message was also copied to first recipient Jane Smith).

Regarding claim 31, is similar to claim 6 and is examined accordingly.

Regarding claim 32, is similar to claim 9 and is examined accordingly.

Regarding claim 36, is similar to claim 16 and is examined accordingly.

Regarding claim 37, is similar to claim 21 and is examined accordingly.

Regarding claim 38, is similar to claim 22 and is examined accordingly.

Regarding claim 39, is similar to claim 23 and is examined accordingly.

Regarding claim 42, is similar to claim 26 and is examined accordingly.

Regarding claim 43, is similar to claim 27 and is examined accordingly.

Regarding claim 45, is similar to claim 29 and is examined accordingly.

Regarding claim 46, is similar to claim 30 and is examined accordingly.

Regarding claim 48, Apparatus according to claim 1,

Chen further discloses, wherein said more than one of said channels includes both said first channel and said second channel (par. 0021 fig. 2C discloses two of message channel 202 and 220).

Regarding claim 49, Apparatus according to claim 1,

Chen further discloses, wherein a previous message is allowed to be transmitted from said first of said participants to said third of said participants in said second channel before said first of said messages is transmitted in said second channel to said third of said participants (par. 0023 fig. 2D discloses, in the message channel 220 or second channel, message from User A that was transmitted before USER A transmitted “Thanks Tyler” message).

5. Claims 10, 28, 33, and 44 are rejected under U.S.C. 103 as being unpatentable over Chen et al. (US 20180359292), in view of Blair (US 20140096033), in further view of Lee et al. (US 20170054664).

Regarding claim 10, Apparatus according to claim 1,

Chen in view of Blair does not disclose, wherein said second of said participants replies with a first response, a fourth of said participants replies to said first of said messages in said first channel with a second response, and wherein said first response and said second response are displayed in a manner so that said first response and said second response are grouped together in said first channel.

Lee discloses, wherein said second of said participants replies with a first response, a fourth of said participants replies to said first of said messages in said first channel with a second response, and wherein said first response and said second response are displayed in a manner so that said first response and said second response are grouped together in said first channel (par. 0112, fig. 8,

element 810, fig. 13 group of reply from different users can be grouped together and displayed).

It would have been obvious to one of ordinary skill in the art before the effective filing date of the invention to modify the combination of **Chen in view of Blair** to include feature of grouping the response from users received for the sent message, as taught by **Lee**, to easily and conveniently verify messages relevant to the group message, as disclosed in **Lee** fig. 0029.

Regarding claim 28, Apparatus according to claim 1,

Chen in view of Blair does not disclose, wherein all but said first of said participants is prevented from receiving said first of said message in said first channel.

Lee discloses, wherein all but said first of said participants is prevented from receiving said first of said message in said first channel (par. 0111, fig. 13 discloses sending select group of people the new message, therefore prevent all others from receiving that message).

It would have been obvious to one of ordinary skill in the art before the effective filing date of the invention to modify the combination of **Chen in view of Blair** to include features of preventing all other users from receiving message in first channel, as taught by **Lee**, to deliver message to selective group of participants, as disclosed in **Lee** fig. 0111.

Regarding claim 33, is similar to claim 10 and is examined accordingly.

Regarding claim 44, is similar to claim 28 and is examined accordingly.

6. Claims 12 and 34 are rejected under U.S.C. 103 as being unpatentable over Chen et al. (US 20180359292), in view of Blair (US 20140096033), in further view of Loofbourrow (US 20120158857).

Regarding claim 12, Apparatus according to claim 1,

Chen in view of Blair does not disclose, wherein said designation is performed by said first of said participants inserting one or more characters in said first of said messages to indicate that said first of said message to said first channel and to said second channel.

Loofbourrow discloses, wherein said designation is performed by said first of said participants inserting one or more characters in said first of said messages to indicate that said first of said message to said first channel and to said second channel (par. 0036, fig. 2 discloses, sending message to primary group and second group by adding names of these recipient's group indicating that message is to be send to first group and second group, message can be text message like SMS, twitter, instant messaging, sending field includes groups names or individual names, groups can be twitter groups, i.e. messaging channels).

It would have been obvious to one of ordinary skill in the art before the effective filing date of the invention to modify the combination of **Chen in view of Blair** to include features of designating by inserting one or more characters in message to indicate that

message to be send to multiple channel or groups, as taught by **Loofbourrow**, to send the message or communicate message to entities who working on common purpose, as disclosed in **Loofbourrow** fig. 0033.

Regarding claim 34, is similar to claim 12 and is examined accordingly

7. Claims 14, 25, 35, 41, and 47 are rejected under U.S.C. 103 as being unpatentable over Chen et al. (US 20180359292), in view of Blair (US 20140096033), in further view of Weishaupl et al. (US 20160028660).

Regarding claim 14, Apparatus according to claim 1,

Chen in view of Blair does not disclose, wherein when said second of said participants replies with a third response, said third response is visible to not all but less than all of said plurality of participants that participant in said first channel.

Weishaupl discloses, wherein when said second of said participants replies with a third response, said third response is visible to not all but less than all of said plurality of participants that participant in said first channel (par. 0023, fig. 2c discloses that reply by user can be made private therefore reply is not visible to other users in chatroom).

It would have been obvious to one of ordinary skill in the art before the effective filing date of the invention to modify the combination of **Chen in view of Blair** to include features of replay is only visible to less than all participants in channel, as taught by

Weishaupl, to proper safeguards the messages in messaging system, as disclosed in **Weishaupl** fig. 0003.

Regarding claim 25, Apparatus according to claim 1,

Chen in view of Blair does not disclose, wherein at least one of said third of said participants is specified by said first of said participants as being authorized to receive said first of said messages; or a fourth participant included in said second channel that is not authorized to receive said first of said messages is prevented from viewing said first of said messages.

Weishaupl discloses, wherein at least one of said third of said participants is specified by said first of said participants as being authorized to receive said first of said messages (par. 0023, fig. 2c discloses that reply by user can be made private therefore reply is not visible to other users in chatroom, i.e. senders the private message authorizes the recipients to receive the private message); **or a fourth participant included in said second channel that is not authorized to receive said first of said messages is prevented from viewing said first of said messages.**

It would have been obvious to one of ordinary skill in the art before the effective filing date of the invention to modify the combination of **Chen in view of Blair** to include features of one of the participants is specified by the sender of message to be authorized to receive the sent message, as taught by Weishaupl, to proper safeguards the messages in messaging system, as disclosed in **Weishaupl** fig. 0003.

Regarding claim 35, is similar to claim 14 and is examined accordingly.

Regarding claim 41, is similar to claim 25 and is examined accordingly.

Regarding claim 47, Apparatus according to claim 1,

Chen discloses, wherein said previous message is transmitted to said third of said participants in said second channel (par. 0021, fig. 2C discloses USER A sending initial or previous message in chat channel 220, before sending “THANKS TYLER” message in second channel).

Chen does not disclose that initial message can be sent privately without sending to other uses in the first chat group.

Weishaupl discloses, wherein said previous message is transmitted to said third of said participants in said second channel without being transmitted to said second of said participants in said first channel (par. 0028 discloses user entering private chat session 232, i.e. private chat session is a second channel, message exchanged in private session are not transmitted to other users in main chat group, fig. 2E discloses message 250 after the private session that is sent to all the users of chat group). **112 second**

It would have been obvious to one of ordinary skill in the art before the effective filing date of the invention to modify the combination of Chen in view of Blair to include features of sending private message to user in another group without sending that message to other users in first group, as taught by Weishaupl, to allow private conversions that is not accessible to other users in the group, as disclosed in Weishaupl fig. 0006.

8. Claims 24 and 40 are rejected under U.S.C. 103 as being unpatentable over Chen et al. (US 20180359292), in view of Blair (US 20140096033), in further view of Allen et al. (US 20180351903).

Regarding claim 24, Apparatus according to claim 1,

Chen further discloses, wherein said second of said participants replies in said first channel with a first response, said third of said participants replies in said second channel with a second response, said first response is visible in said first channel and is prevented from being displayed in said second channel (par. 0021, the input area 204 is configured to receive text and other input which, when submitted (e.g., via the submit button 206), is displayed in the group chat window 202 (e.g., to the members of the group chat), but not displayed in the GUI 220, i.e. user replies or conversations within chat group 202 is only visible to members or chat group 202, par. 0022 discloses The GUI 220 also includes an input box 221 that allows the user Tyler123 to submit messages that are outputted in the GUI 220).

Chen in view of Blair does not disclose, said second response is visible in said second channel and is prevented from being displayed in said first.

Allen discloses, said second response is visible in said second channel and is prevented from being displayed in said first channel (par. 0029 -0030, fig. 2B discloses private group chat 242A where members of imitates private group chat 242A, i.e. creates second chat channel, private "whisper" message will be sent only to those selected group members. The private group chat 242A message is displayed as part of the group message flow in chat view 202, but with an indent to show that the

private group chat 242A message is not shared with the entire group, i.e. messages within second channel is not shared with first channel or main chat group).

It would have been obvious to one of ordinary skill in the art before the effective filing date of the invention to modify the combination of **Chen in view of Blair** to include features of communication in second channel is prevented from being displayed in the first channel, as taught by **Allen**, to allow private conversation between users of the second channel, as disclosed in **Allen** fig. 0029.

Regarding claim 40, is similar to claim 24 and is examined accordingly.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to AKSHAY DOSHI whose telephone number is (571)272-2736. The examiner can normally be reached M-F 9:30 AM to 6:00 PM.

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, Benjamin Bruckart can be reached on (571)272-3982. 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.

/A.D/
Examiner, Art Unit 2423

/BENJAMIN R BRUCKART/
Supervisory Patent Examiner, Art Unit 2423

<i>Notice of References Cited</i>	Application/Control No. 16/014,578		Applicant(s)/Patent Under Reexamination Cohen, Marc A.	
	Examiner AKSHAY DOSHI		Art Unit 2423	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-20180359292-A1	12-2018	CHEN; Ye Qing	H04L65/1093	1/1
*	B	US-20120158857-A1	06-2012	Loofbourrow; Wayne	G06Q10/00	709/206
*	C	US-20180351903-A1	12-2018	Allen; Nicholas Richard	H04L51/04	1/1
	D					
	E					
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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.

Index of Claims 	Application/Control No. 16/014,578	Applicant(s)/Patent Under Reexamination Cohen, Marc A.
	Examiner AKSHAY DOSHI	Art Unit 2423

✓	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	01/16/2021	06/05/2021	12/03/2021						
	1	✓	✓	✓						
	2	✓	-	-						
	3	✓	-	-						
	4	✓	-	-						
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	40		✓	✓						
	41		✓	✓						
	42		✓	✓						

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CLAIM		DATE								
Final	Original	01/16/2021	06/05/2021	12/03/2021						
	43		✓	✓						
	44		✓	✓						
	45		✓	✓						
	46		✓	✓						
	47			✓						
	48			✓						
	49			✓						

<i>Search Notes</i> 	Application/Control No. 16/014,578	Applicant(s)/Patent Under Reexamination Cohen, Marc A.
	Examiner AKSHAY DOSHI	Art Unit 2423

CPC - Searched*		
Symbol	Date	Examiner
H04L51/046 or H04L51/36 or H04L51/18 or H04L51/16 or H04L51/12 or H04L65/1069	01/16/2021	AD
H04L51/046 or H04L51/36 or H04L51/18 or H04L51/16 or H04L51/12 or H04L65/1069	06/04/2021	AD
H04L51/046 or H04L51/36 or H04L51/18 or H04L51/16 or H04L51/12 or H04L65/1069	12/04/2021	AD

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.

/A.D/ Examiner, Art Unit 2423	
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<i>Search Notes</i> 	Application/Control No. 16/014,578	Applicant(s)/Patent Under Reexamination Cohen, Marc A.
	Examiner AKSHAY DOSHI	Art Unit 2423

Search Notes		
Search Notes	Date	Examiner
Performed Provisional/Double Patenting search	01/16/2021	AD
Performed inventor name search	01/16/2021	AD
East text search in (US-PGPUB, USPAT, USOCR, FPRS, EPO, JPO , DERWENT, IBM_TDB)	01/16/2021	AD
Consulted with Ben Bruckart for 103 rejection	06/10/2021	AD
Consulted with Patrice Winder for 103 rejection	06/11/2021	AD
Performed inventor name search	06/04/2021	AD
Performed Provisional/Double Patenting search	06/04/2021	AD
East text search in (US-PGPUB, USPAT, USOCR, FPRS, EPO, JPO , DERWENT, IBM_TDB)	06/04/2021	AD
Performed IP.com search	06/04/2021	AD
Performed inventor name search	12/04/2021	AD
Performed Provisional/Double Patenting search	12/04/2021	AD
East text search in (US-PGPUB, USPAT, USOCR, FPRS, EPO, JPO , DERWENT, IBM_TDB)	12/04/2021	AD
performed IP.COM search	12/04/2021	AD

Interference Search			
US Class/CPC Symbol	US Subclass/CPC Group	Date	Examiner

/A.D/ Examiner, Art Unit 2423	
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EAST Search History**EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	3	16/014,578	USPAT	OR	ON	2020/12/31 18:32
S2	6	16/014,578	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2020/12/31 18:33
S3	0	16/014,578 and "authorized.clm"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2020/12/31 19:28
S4	8,698	16/014,578 and (authorized)".clm"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2020/12/31 19:29
S5	8,698	16/014,578 and (authorized)".clm"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2020/12/31 19:29
S6	8,698	16/014,578 and (authorized same message)".clm"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2020/12/31 19:29
S7	1	"16014578" and (authorized same message).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	ON	2020/12/31 19:29

			DERWENT; IBM_TDB			
S8	2	"16014578" and ((authorized prevent\$4) same message).clm.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2020/12/31 19:30
S9	5	"16014578" and ((authorized prevent\$4) same message)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2020/12/31 19:33
S10	2	("20050198584").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2020/12/31 21:09
S11	98,432	((message chat texting) neae5 (window room bar)) with (participants users people receiver senders) with (authorized permitted private public prevented paid guest)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/02 00:14
S12	1,866	((message chat texting) near5 (window room bar)) with (participants users people receiver senders) with (authorized permitted private public prevented paid guest)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/02 00:15
S13	4,824	((message chat texting) near5 (instant window room bar)) with (participants users people receiver senders) with (filter\$4 authorized permitted private public prevent\$4 paid guest)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/02 00:19
S14	834	(H04L51/046 or H04L51/36 or H04L51/18 or H04L51/16 or H04L51/12 or H04L65/1069).cpc. and S13	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	ON	2021/01/02 00:19

			DERWENT; IBM_TDB			
S15	4,651	((message chat texting) near5 (instant window room bar)) with (participants users people) with (filter\$4 authorized permitted private public prevent\$4 paid guest)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/02 00:19
S16	808	(H04L51/046 or H04L51/36 or H04L51/18 or H04L51/16 or H04L51/12 or H04L65/1069).cpc. and S15	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/02 00:32
S17	2,526	((message chat texting) near5 (instant window room bar)) with (participants users people receiver senders) with ((authorized permitted private public prevent\$4 paid guest) near5 (message chat texting))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/02 00:33
S18	2,261	((message chat texting) near5 (instant window room bar)) near10 (participants users people receiver senders) with ((authorized permitted private public prevent\$4 paid guest) near5 (message chat texting))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/02 00:36
S19	444	(H04L51/046 or H04L51/36 or H04L51/18 or H04L51/16 or H04L51/12 or H04L65/1069).cpc. and S18	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/02 00:37
S20	2,177	((message chat texting) near5 (instant window room bar)) near10 (participants users people) with ((authorized permitted private public prevent\$4 paid guest) near5 (message chat texting))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/02 00:37
S21	1,831	((message chat texting) near5 (instant window room bar)) near10 (participants users people) with ((authorized permitted private prevent\$4) near5 (message chat texting))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	ON	2021/01/02 00:37

			DERWENT; IBM_TDB			
S22	330	((((display\$5 present\$4 output\$4) near7(message chat texting) near5 (instant window room bar)) near10 (participants users people)) with ((authorized permitted private prevent\$4) near5 (message chat texting)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/02 00:38
S23	53	(H04L51/046 or H04L51/36 or H04L51/18 or H04L51/16 or H04L51/12 or H04L65/1069).cpc. and S22	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/02 00:40
S24	4	16/014,578 and prevent\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/02 00:46
S25	4	15/858,696 and prevent\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/02 00:47
S26	8	15/858,696	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/02 00:48
S27	7	15/609,663 and prevent\$5	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/02 00:49
S28	143	((((display\$5 present\$4 output\$4) near7(message chat texting) near5 (instant window room bar)) near10 (participants users people)) with ((authorized permitted prevent\$4) near5 (participants users people)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	ON	2021/01/02 00:58

			DERWENT; IBM_TDB			
S29	175	((((display\$5 present\$4 output\$4) near7(messag\$4 chat\$4 texting) near5 (instant window room bar)) near10 (participants users people)) with ((authorized permitted prevent\$4) near5 (participants users people))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/02 10:33
S30	143	((((display\$5 present\$4 output\$4) near7(message chat texting) near5 (instant window room bar)) near10 (participants users people)) with ((authorized permitted prevent\$4) near5 (participants users people))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/02 10:35
S31	32	S29 not S30	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/02 10:35
S32	173	((((display\$5 present\$4 output\$4) near7(messag\$4 chat\$4 texting) near5 (instant window room bar)) near10 (participants users people)) with ((authorized permitted prevent\$4 disallowed prohibit\$4 forbidden\$4) near5 ((messag\$4 chat\$4 texting)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/02 10:42
S33	60	S32 not S29	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/02 10:43
S34	179	((((display\$5 present\$4 output\$4) near7(messag\$4 chat\$4 texting) near5 (instant window room bar)) near10 (participants users people)) with ((authorized permitted prevent\$4 disallowed prohibit\$4 forbidden\$4 mut\$4) near5 ((messag\$4 chat\$4 texting)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/02 10:52
S35	21	((((display\$5 present\$4 output\$4) near7(messag\$4 chat\$4 texting) near5 (instant window room bar)) near10 (participants users people))	US-PGPUB; USPAT; USOCR; FPRS; EPO;	OR	ON	2021/01/02 10:52

		with ((disallowed prohibit\$4 forbidden\$4 mut\$4) near5 ((messag\$4 chat\$4 texting)))	JPO; DERWENT; IBM_TDB			
S36	25	((((display\$5 present\$4 output\$4 show\$4 viewing) near7(messag\$4 chat\$4 texting) near5 (instant window room bar)) near10 (participants users people)) with ((disallowed prohibit\$4 forbidden\$4 mut\$4) near5 ((messag\$4 chat\$4 texting)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/02 13:57
S37	32	((((display\$5 present\$4 output\$4 show\$4 viewing) near7(messag\$4 chat\$4 texting) near5 (instant window room bar channel))) with ((disallowed prohibit\$4 forbidden\$4 mut\$4) near5 ((messag\$4 chat\$4 texting)) near10 (participants users people))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/02 14:14
S38	32	((((display\$5 present\$4 output\$4 show\$4 viewing) near7(messag\$4 chat\$4 texting) near5 (instant window room bar channel))) with ((disallowed prohibit\$4 forbidden\$4 mut\$4) near5 ((messag\$4 chat\$4 texting)) near10 (participants users people memebrs))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/02 14:14
S40	25	((((display\$5 present\$4 output\$4 show\$4 viewing) near7(messag\$4 chat\$4 texting) near5 (instant window room bar)) near10 (participants users people)) with ((disallowed prohibit\$4 forbidden\$4 mut\$4) near5 ((messag\$4 chat\$4 texting)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/02 14:58
S41	32	((((display\$5 present\$4 output\$4 show\$4 viewing) near7(messag\$4 chat\$4 texting) near5 (instant window room bar channel))) with ((disallowed prohibit\$4 forbidden\$4 mut\$4) near5 ((messag\$4 chat\$4 texting)) near10 (participants users people memebrs))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/02 14:58
S42	7	S41 not S40	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/02 14:58

S44	43	((display\$5 present\$4 output\$4 show\$4 viewing) near7(messag\$4 chat\$4 texting) near5 (instant window room bar channel))) and ((disallowed prohibit\$4 forbidden\$4 mut\$4) near5 ((messag\$4 chat\$4 texting)) near10 (all any every each) near10 (participants users people memebrs))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/02 15:14
S45	42	S44 not S41	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/02 15:19
S46	4,614	((messag\$5 chat\$3 conversation talk discussion) near5 (channel room group window box interface)) and ((send\$5 transfer\$4 forward\$4) near6 (messag\$5 chat\$3 conversation talk discussion) near8 ((multiple plurality) near5 (group window box interface room channel)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/02 16:44
S47	172	((display\$5 present\$4 output\$4 show\$4 viewing) near7(messag\$4 chat\$4 texting) near5 (instant window room bar channel))) and ((disallowed prohibit\$4 forbidden\$4 mut\$4 prevent\$5) near5 ((messag\$4 chat\$4 texting)) near10 (all any every each) near10 (participants users people memebrs))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/04 13:25
S48	32	((display\$5 present\$4 output\$4 show\$4 viewing) near7(messag\$4 chat\$4 texting) near5 (instant window room bar channel))) with ((disallowed prohibit\$4 forbidden\$4 mut\$4) near5 ((messag\$4 chat\$4 texting)) near10 (participants users people memebrs))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/04 13:25
S49	171	S47 not S48	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/04 13:25

S50	4,614	((messag\$5 chat\$3 conversation talk discussion) near5 (channel room group window box interface)) and ((send\$5 transfer\$4 forward\$4) near6 (messag\$5 chat\$3 conversation talk discussion) near8 ((multiple plurality) near5 (group window box interface room channel)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/04 13:26
S51	172	((display\$5 present\$4 output\$4 show\$4 viewing) near7(messag\$4 chat\$4 texting) near5 (instant window room bar channel))) and ((disallowed prohibit\$4 forbidden\$4 mut\$4 prevent\$5) near5 ((messag\$4 chat\$4 texting)) near10 (all any every each) near10 (participants users people memebrrs))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/04 15:50
S52	32	((display\$5 present\$4 output\$4 show\$4 viewing) near7(messag\$4 chat\$4 texting) near5 (instant window room bar channel))) with ((disallowed prohibit\$4 forbidden\$4 mut\$4) near5 ((messag\$4 chat\$4 texting)) near10 (participants users people memebrrs))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/04 15:50
S53	171	S51 not S52	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/04 15:50
S54	4,614	((messag\$5 chat\$3 conversation talk discussion) near5 (channel room group window box interface)) and ((send\$5 transfer\$4 forward\$4) near6 (messag\$5 chat\$3 conversation talk discussion) near8 ((multiple plurality) near5 (group window box interface room channel)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/04 15:50
S55	11	S54 and S53	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/04 15:50

S56	259	((display\$5 present\$4 output\$4 show\$4 viewing) near7(messag\$4 chat\$4 texting) near5 (instant window room bar channel interface))) and ((disallowed prohibit\$4 forbidden\$4 mut\$4 prevent\$5) near5 ((messag\$4 chat\$4 texting)) near10 (all any every each) near10 (participants users people memebrs))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/04 15:55
S57	259	((display\$5 present\$4 output\$4 show\$4 viewing preview\$4) near7(messag\$4 chat\$4 texting) near5 (instant window room bar channel interface))) and ((disallowed prohibit\$4 forbidden\$4 mut\$4 prevent\$5) near5 ((messag\$4 chat\$4 texting)) near10 (all any every each) near10 (participants users people memebrs))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/04 15:55
S58	12	S54 and S57	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/04 15:58
S59	798	((disallowed prohibit\$4 forbidden\$4 mut\$4 prevent\$5) near5 ((messag\$4 chat\$4 texting)) near10 (all any every each) near10 (participants users people memebrs))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/04 15:59
S60	14	S54 and S59	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/04 16:00
S61	3	S60 not S55	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/04 16:00
S62	16	((send\$5 transfer\$4 forward\$4) near6 (messag\$5 chat\$3	US-PGPUB; USPAT;	OR	ON	2021/01/04 16:01

		conversation talk discussion) near8 ((multiple plurality) near5 (group window box interface room channel))) and S59	USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			
S63	16	((send\$5 transfer\$4 forward\$4) near6 (messag\$5 chat\$3 conversation talk discussion) near8 ((multiple plurality two parallel) near5 (group window box interface room channel))) and S59	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/04 16:02
S64	827	((disallowed prohibit\$4 forbidden\$4 mut\$4 prevent\$5) near5 ((messag\$4 chat\$4 texting)) near10 (all any every each entire) near10 (participants users people memebrrs))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/04 16:03
S65	19	((send\$5 transfer\$4 forward\$4) near6 (messag\$5 chat\$3 conversation talk discussion) near8 ((multiple plurality two parallel) near5 (group window box interface room channel))) and S64	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/04 16:04
S66	14	S65 and S60	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/04 16:05
S67	5	S65 not S60	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/04 16:06
S68	114	((disallowed prohibit\$4 forbidden\$4 mut\$4 prevent\$5) near5 ((messag\$4 chat\$4 texting)) near10 (participants users people memebrrs)) and ((send\$5 transfer\$4 forward\$4) near6 (messag\$5 chat\$3 conversation talk discussion) near8 ((multiple plurality two parallel) near5 (group window box interface room channel)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/05 10:35

S69	5	("20050201559" "20100105430").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/05 14:15
S70	165	((disallowed prohibit\$4 forbidden\$4 mut\$4 prevent\$5) near5 ((messag\$4 chat\$4 texting communicat\$5)) near10 (participants users people memebrrs)) and ((send\$5 transfer\$4 forward\$4) near6 (messag\$5 chat\$3 conversation talk discussion) near8 ((multiple plurality two parallel) near5 (group window box interface room channel))))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/12 22:50
S71	114	((disallowed prohibit\$4 forbidden\$4 mut\$4 prevent\$5) near5 ((messag\$4 chat\$4 texting)) near10 (participants users people memebrrs)) and ((send\$5 transfer\$4 forward\$4) near6 (messag\$5 chat\$3 conversation talk discussion) near8 ((multiple plurality two parallel) near5 (group window box interface room channel))))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/12 22:56
S72	51	S70 not S71	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/12 22:56
S73	24	(US-20160261537-\$ or US-20150319203-\$ or US-20150099491-\$ or US-20090177978-\$ or US-20130185363-\$ or US-20090125594-\$ or US-20150256353-\$ or US-20190036854-\$ or US-20180139590-\$ or US-20170373868-\$ or US-20170078858-\$ or US-20160241494-\$ or US-20130268603-\$ or US-20030084167-\$ or US-20140149522-\$ or US-20120240062-\$ or US-20120296987-\$ or US-20100325112-\$ or US-20080263204-\$).did. or (US-9374327-\$ or US-8990329-\$ or US-8103960-\$ or US-8495660-\$ or US-9026601-\$).did.	US-PGPUB; USPAT	OR	ON	2021/01/12 23:31

S74	24	(US-20160261537-\$ or US-20150319203-\$ or US-20150099491-\$ or US-20090177978-\$ or US-20130185363-\$ or US-20090125594-\$ or US-20150256353-\$ or US-20190036854-\$ or US-20180139590-\$ or US-20170373868-\$ or US-20170078858-\$ or US-20160241494-\$ or US-20130268603-\$ or US-20030084167-\$ or US-20140149522-\$ or US-20120240062-\$ or US-20120296987-\$ or US-20100325112-\$ or US-20080263204-\$).did. or (US-9374327-\$ or US-8990329-\$ or US-8103960-\$ or US-8495660-\$ or US-9026601-\$).did.	US-PGPUB; USPAT	OR	ON	2021/01/12 23:57
S75	22	((disallowed prohibit\$4 forbidden\$4 mut\$4 prevent\$5) near5 ((messag\$4 chat\$4 texting))) and S74	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/12 23:58
S76	14	S75 and ((multiple plurality two parallel) near5 (group window box interface room channel))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/12 23:58
S77	0	(admin\$5 near10 (disallowed prohibit\$4 forbidden\$4 mut\$4 prevent\$5 stop\$5) near5 ((messag\$4 chat\$4 texting))) and S74	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/13 00:18
S78	0	((administrator admin) near10 (disallowed prohibit\$4 forbidden\$4 mut\$4 prevent\$5 stop\$5) near5 ((messag\$4 chat\$4 texting))) and S74	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/13 00:19
S79	806	((administrator admin) near10 (disallowed prohibit\$4 forbidden\$4 mut\$4 prevent\$5 stop\$5) near5 ((messag\$4 chat\$4 texting)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/13 00:19

S80	12	S79 and ((send\$5 transfer\$4 forward\$4) near6 (messag\$5 chat\$3 conversation talk discussion) near8 ((multiple plurality two parallel) near5 (group window box interface room channel)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/13 00:20
S81	13,947	((time) near10 (disallowed prohibit\$4 forbidden\$4 mut\$4 prevent\$5 stop\$5) near5 ((messag\$4 chat\$4 texting)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/13 00:25
S82	14,372	((time duration) near10 (disallowed prohibit\$4 forbidden\$4 mut\$4 prevent\$5 stop\$5) near5 ((messag\$4 chat\$4 texting)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/13 00:25
S83	149	S82 and ((send\$5 transfer\$4 forward\$4) near6 (messag\$5 chat\$3 conversation talk discussion) near8 ((multiple plurality two parallel) near5 (group window box interface room channel)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/13 00:26
S84	8	(H04L51/046 or H04L51/36 or H04L51/18 or H04L51/16 or H04L51/12 or H04L65/1069).cpc. and S83	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/13 00:27
S85	39	(H04L51/\$ or H04L51/36 or H04L51/18 or H04L51/16 or H04L51/12 or H04L65/1069).cpc. and S83	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/13 00:29
S86	110	S83 not S85	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/13 00:50

S87	171	S82 and ((send\$5 transfer\$4 forward\$4) near6 (messag\$5 chat\$3 conversation talk discussion) near8 ((multiple plurality two parallel simultaneous\$4 concurrent\$4) near5 (group window box interface room channel))))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/13 00:54
S88	43	(H04L51/\$ or H04L51/36 or H04L51/18 or H04L51/16 or H04L51/12 or H04L65/\$).cpc. and S87	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/13 00:56
S89	44	S88 not17	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/13 00:57
S90	4	S88 not S85	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/13 00:57
S91	6,554	((send\$5) near6 (text messag\$5 chat\$3 conversation talk discussion) near8 ((multiple plurality two parallel simultaneous\$4 concurrent\$4) near5 (group window box interface room channel))))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/13 01:06
S92	1,334	(H04L51/\$ or H04L51/36 or H04L51/18 or H04L51/16 or H04L51/12 or H04L65/\$).cpc. and S91	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/13 01:09
S93	6,488	((send\$5) near6 (text messag\$5 chat\$3) near8 ((multiple plurality two parallel simultaneous\$4 concurrent\$4) near5 (group window box interface room channel))))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/13 01:09

S94	1,146	(H04L51/\$ or H04L51/36 or H04L51/18 or H04L51/16 or H04L51/12 or H04L65/1069).cpc. and S93	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/13 01:11
S95	496	(H04L51/046 or H04L51/36 or H04L51/18 or H04L51/16 or H04L51/12 or H04L65/1069).cpc. and S93	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/13 01:11
S96	314	((send\$5) near6 (text messag\$5 chat\$3) near8 ((multiple plurality two) near10 (parallel simultaneous\$4 concurrent\$4) near5 (group window box interface room channel)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/13 01:12
S97	41	(H04L51/\$ or H04L51/36 or H04L51/18 or H04L51/16 or H04L51/12 or H04L65/1069).cpc. and S96	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/13 01:13
S98	42	(H04L51/\$ or H04L51/36 or H04L51/18 or H04L51/16 or H04L51/12 or H04L65/\$).cpc. and S96	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/13 01:13
S99	5	((text messag\$5 chat\$3) near8 (hash) near9 ((multiple plurality two) near10 (parallel simultaneous\$4 concurrent\$4) near5 (group window box interface room channel)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/13 01:26
S100	57	((text messag\$5 chat\$3) near8 (hash) near9 ((multiple plurality two) near10 (parallel simultaneous\$4 concurrent\$4)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/13 01:28

S101	259	((text messag\$5 chat\$3) near8 (hash) near9 (parallel simultaneous\$4 concurrent\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/13 01:32
S102	5	(H04L51/\$ or H04L51/36 or H04L51/18 or H04L51/16 or H04L51/12 or H04L65/\$).cpc. and S101	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/13 01:32
S103	54	((messag\$5 chat\$3 conversation talk discussion) near5 (channel room group window box interface)) and S101	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/13 01:33
S104	54	((messag\$5 chat\$3 conversation talk discussion tweet) near5 (channel room group window box interface)) and S101	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/13 01:46
S105	260	((text messag\$5 chat\$3 tweet) near8 (hash) near9 (parallel simultaneous\$4 concurrent\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/13 01:46
S106	260	((text messag\$5 chat\$3 tweet\$4) near8 (hash) near9 (parallel simultaneous\$4 concurrent\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/13 01:46
S107	259	((text messag\$5 chat\$3 twit\$4) near8 (hash) near9 (parallel simultaneous\$4 concurrent\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/13 01:47

S108	1	((reply\$4) near8 (hash) near9 (parallel simultaneous\$4 concurrent\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/13 01:48
S109	44	((repl\$4) near8 (hash) near9 (parallel simultaneous\$4 concurrent\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/13 01:48
S110	1,886	(shar\$5 near6 (text messag\$5 chat\$3 twit\$4) near8 (parallel simultaneous\$4 concurrent\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/13 01:49
S111	1,182	((messag\$5 chat\$3 conversation talk discussion tweet) near5 (channel room group window box interface)) and S110	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/13 01:50
S112	1,182	((messag\$5 chat\$3 conversation talk discussion twit\$5) near5 (channel room group window box interface)) and S110	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/13 01:50
S113	168	(H04L51/\$ or H04L51/36 or H04L51/18 or H04L51/16 or H04L51/12 or H04L65/\$).cpc. and S112	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/13 01:51
S114	257	((((display\$5 present\$4 output\$4 show\$4 viewing) near7(messag\$4 chat\$4 texting) near5 (instant window room bar channel interface)))) and S112	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/13 01:51

S115	42	(H04L51/046 or H04L51/36 or H04L51/18 or H04L51/16 or H04L51/12 or H04L65/1069).cpc. and S114	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/13 01:52
S116	6	"14037470"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/13 21:18
S117	11	(hash near3 tag) near5 (message) near10 (plurality multiple) near4 (recipient group users receiver people person members)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/14 21:09
S118	11	(hash near3 tag) near5 (message) near10 (plurality multiple simultaneous\$3 concurrent\$5 several) near4 (recipient group users receiver people person members)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/14 21:14
S119	104	(hash) near5 (message) near10 (plurality multiple simultaneous\$3 concurrent\$5 several) near4 (recipient group users receiver people person members)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/14 21:14
S120	23,675	(send\$4 transmit\$5) near5 (text message) near10 (plurality multiple simultaneous\$3 concurrent\$5 several) near4 (recipient group users receiver people person members)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/14 21:22
S121	25,421	(send\$4 transmit\$5 transfer\$4 forward\$4) near5 (text message) near10 (plurality multiple simultaneous\$3 concurrent\$5 several) near4 (recipient group users receiver people person members)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/14 21:23

S122	22,540	(send\$4 transmit\$5 transfer\$4 forward\$4) near5 (text message) near10 ((plurality multiple simultaneous\$3 concurrent\$5 several) near5 (recipient group users receiver people person members))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/14 21:23
S123	2,120	((hash tag) near5 (text message)) and S122	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/14 21:24
S124	1,616	((message chat texting) near5 (group instant window room interface)) and S123	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/14 21:26
S125	1,616	((message chat\$4 texting) near5 (group instant window room interface)) and S123	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/14 21:26
S126	852	(send\$4 transmit\$5 transfer\$4 forward\$4) near5 (text message) near10 ((plurality multiple several) near5 (recipient group users receiver people person members)) near10 (simultaneous\$3 concurrent\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/14 21:27
S127	55	((hash tag) near5 (text message)) and S126	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/14 21:28
S128	4	(cc) near5 (text message) near10 ((plurality multiple several) near5 (recipient group users receiver people person members)) near10 (simultaneous\$3 concurrent\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/14 23:11

S129	23	(cc "cc:" copy) near5 (text message) near10 ((plurality multiple several additional) near5 (recipient group users receiver people person members)) near10 (simultaneous\$3 concurrent\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/14 23:12
S130	6	(cc "cc:" copy) near5 (text message) near10 ((plurality multiple several additional) near5 (window session interface group)) near10 (simultaneous\$3 concurrent\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/14 23:23
S131	265	(send\$4 transmit\$5 transfer\$4 forward\$4) near5 (text message) near10 ((plurality multiple several near5 ((window session interface group))) near10 (simultaneous\$3 concurrent\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/14 23:24
S132	274	(send\$4 transmit\$5 transfer\$4 forward\$4) near5 (text message) near10 ((plurality multiple several additional) near5 ((window session interface group))) near10 (simultaneous\$3 concurrent\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/14 23:25
S133	227	((message chat\$4 texting) near5 (group instant window room interface)) and S132	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/14 23:26
S134	229	((messag\$4 chat\$4 texting) near5 (group instant window interface)) and S132	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/14 23:27
S135	163	((messag\$4 chat\$4 texting) near2 (group instant window interface)) and S132	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/14 23:29

S136	274	(send\$4 transmit\$5 transfer\$4 forward\$4) near5 (text message) near10 ((plurality multiple several additional another) near5 ((window session interface group))) near10 (simultaneous\$3 concurrent\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/14 23:46
S137	25	((hash tag) near5 (text message)) and S136	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/14 23:49
S138	1,152	(send\$4 transmit\$5 transfer\$4 forward\$4) near5 (text message) near10 ((simultaneous\$3 concurrent\$5) near5 ((window session interface group)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/14 23:50
S139	56	((hash tag) near5 (text message)) and S138	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/14 23:51
S140	343	(cc "cc:" copy) near5 (text message) near10 ((plurality multiple several additional) near5 (window session interface group channel))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/14 23:58
S141	204	((messag\$4 chat\$4 texting) near2 (group instant window interface)) and S140	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/14 23:58
S142	38	(H04L51/046 or H04L51/36 or H04L51/18 or H04L51/16 or H04L51/12 or H04L65/1069).cpc. and S141	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/14 23:59

S143	21	(send\$4 transmit\$5 transfer\$4 forward\$4) near5 (text message) near10 ((plurality multiple several additional another) near5 ((window session interface group user receipient))) near6 ((including adding attaching) near3 (tag character symbole name ID idetentifier hash))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/01/15 13:29
S144	7	("20120240062" "20140208402" "20150088998").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/03/14 17:32
S145	7	(send\$3 transmit\$5 transfer\$3 forward\$3 sent) near5 (text message) near10 ((simultaneous\$3 parallel concurrent\$4) near5 ((window session interface group user recipient))) with ((including adding attaching) near3 (tag character symbol name ID identifier hash))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/03/14 22:30
S146	5,792	(send\$3 transmit\$5 transfer\$3 forward\$3 sent) near5 (text message) near10 ((simultaneous\$3 parallel concurrent\$4) near10 ((window session interface group user recipient)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/03/14 22:34
S147	2,622	(send\$3 transmit\$5 transfer\$3 forward\$3 sent) near5 (text message) near10 ((simultaneous\$3 parallel concurrent\$4) near10 ((window session interface group)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/03/14 22:58
S148	31	(text message) near10 ((simultaneous\$3 parallel concurrent\$4) near5 ((window session interface group user recipient))) with ((including adding attaching) near3 (tag character symbol name ID identifier hash))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/03/14 22:59
S149	400	"9961030" "10135767" "20180013707" "20180219821" "20040168055" "7739508" "20140025751" "7131003" "20190075064" "8898235"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	ON	2021/03/14 23:09

	("20070050624" "9648052" "20160219093" "7657597" "20180302357" "20040064512" "20130036302" "9071597" "9141823" "20100223470" "8625602" "20110296041" "20080089344" "8301892" "20150339788" "20140304505" "20140059240" "9077742" "10313135" "20060173959" "20180270072" "20210067328" "20170041254" "20030217096" "20040078596" "8204992" "7983240" "7945783" "20040064568" "10757574" "20170078104" "9985790" "9509681" "20150264042" "7206934" "9935979" "20150350251" "9160569" "20040064693" "20120297004" "20180241707" "9231894" "10681202" "9467406" "8166118" "20160094496" "20030023850" "20040255137" "20150326514" "20200120176" "8281372" "20180309801" "10623451" "20150327030" "20030163697" "20180241705" "10582036" "7127613" "8631078" "20080125096" "8850219" "20140012733" "9313627" "8190123" "20180309745" "20160164859" "20110291803" "20150350895" "20120324547" "9226147" "8549591" "20090247118" "20180241871" "8406792" "10778831" "20210021649" "8739272" "9413785" "8135845" "10594821" "20100023625" "10033725" "20110283110" "20140250492" "10742641" "20140032681" "20060206566" "20180338008" "10200274" "8812589" "20020122543" "7734695" "10484482" "20160380937" "7653938" "10757006" "20200099675" "20190281465" "8185733" "10721198" "20170374044" "20110264733" "20110029898" "6009173" "20120297322").pn.	DERWENT; IBM_TDB			
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S150	5	S149 and S147	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/03/14 23:10
S151	5,792	(send\$3 transmit\$5 transfer\$3 forward\$3 sent) near5 (text message) near10 ((simultaneous\$3 parallel concurrent\$4) near10 ((window session interface group user recipient)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/03/14 23:10
S152	11	S149 and S151	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/03/14 23:10
S153	20	(send\$3 transmit\$5 transfer\$3 forward\$3 sent) near5 (text message) near10 ((simultaneous\$3 parallel concurrent\$4)) and S149	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/03/14 23:13
S154	9	S153 not S152	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/03/14 23:13
S155	602	(H04L51/\$ or H04L51/36 or H04L51/18 or H04L51/16 or H04L51/12 or H04L65/\$).cpc. and S147	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/03/14 23:14
S156	193	(H04L51/046 or H04L51/36 or H04L51/18 or H04L51/16 or H04L51/12 or H04L65/1069).cpc. and S147	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/03/14 23:14

S157	1	"10009300".pn.	USPAT	OR	ON	2021/03/14 23:18
S158	32	(US-20160261537-\$ or US-20150319203-\$ or US-20150099491-\$ or US-20090177978-\$ or US-20130185363-\$ or US-20090125594-\$ or US-20150256353-\$ or US-20190036854-\$ or US-20180139590-\$ or US-20170373868-\$ or US-20170078858-\$ or US-20160241494-\$ or US-20130268603-\$ or US-20030084167-\$ or US-20140149522-\$ or US-20120240062-\$ or US-20120296987-\$ or US-20100325112-\$ or US-20080263204-\$ or US-20090059922-\$ or US-20180239753-\$ or US-20160253315-\$ or US-20130097260-\$ or US-20140096033-\$).did. or (US-9374327-\$ or US-8990329-\$ or US-8103960-\$ or US-8495660-\$ or US-9026601-\$ or US-10848445-\$ or US-10193844-\$ or US-10878478-\$).did.	US-PGPUB; USPAT	OR	ON	2021/04/19 14:43
S159	7	(send\$3 transmit\$5 transfer\$3 forward\$3 sent) near5 (text message) near10 ((simultaneous\$3 parallel concurrent\$4)) and S158	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/04/19 14:43
S160	2	(LEE near3 Kee-Young).in. and message	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/04/20 11:07
S161	155	(send\$3 transmit\$5 transfer\$3 forward\$3 sent) near5 (text message) near10 ((simultaneous\$3 parallel concurrent\$4)) with tag\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/04/20 11:13
S162	8	16/014,578	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/04/20 11:14

S163	1,095	"9882846" "20170272390" "10009300" "20170134316" "9712466" "20210044551" "20190238489" "10547575" "20160127282" "10805247" "20160085386" "20190138159" "20160088433" "10185458" "20140237126" "10572098" "20200153768" "20210044550" "10209852" "9225748" "20140066105" "20200099638" "8787888" "10025475" "20180203586" "20160285799" "10516635" "10728192" "20090113315" "10908803" "9152936" "2014055861" "10126927" "2904740" "20140101261" "10908802" "20150295872" "20170026317" "2013122630" "10623345" "10805257" "2815325" "10284718" "20150365364" "9501764" "8140980" "20050034079" "20200120051" "20180007200" "1661024" "20190394147" "2005017674" "1661024" "20170310826" "9661142" "10404636" "3580896" "2018231307" "2016154612" "20150172228" "10880243" "20130055099" "20180367483" "20120117153" "20050027669" "20190281422" "2018132644" "20140101263" ("9509642" "2953321" "20140122628" "10904481" "9935979" "2953321" "20150350251" "2904740" "20090083115" "10423948" "9769313" "9860198" "10645041" "20190297039" "10348658" "20140101262" "20180367484" "10873548" "20120045045" "8583741" "10516636" "9325645" "2013028325" "20120046961" "2014116493" "20120044261" "20120044258" "2011137286" "10439970" "20200014646" "2018231306" "20200228477" "20200059445" "20210075753" "20110202594" "3580712" "7685237" "20170048174" "9560206" "8819726" "20190268289" "20110270609"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/04/20 11:23
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		"2011137303" "10664529" "20150110261" "20160294742" "20120144416" "20050125544" "9686212" "8898219" "7680895" "20040003041" "2003085539" "1495413" "20130055112" "20190036989" "10164924" "3541025" "20110270933" "2458535" "20200327171" "10523617" "3659327" "20190207897" "2013030829" "20050021445" "20180011848" "20130159432" "10887410" "20130080927" "20180026929" "20200092246" "20200106735" "20130205229" "20160241530" "10313292" "9043212" "10972547" "8626847" "2012051539" "2458540" "20200177651" "2016130466" "10817572" "10108613" "20190075065" "20120331066" "20110252093" "20150032686" "2458536" "2458539" "20190312828" "10728187" "9923982" "2019023596" "10834152" "9544257" "20100241972" "20060080432").pn.				
S164	0	S163 and S161	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/04/20 11:40
S165	4	(H04L51/046 or H04L51/36 or H04L51/18 or H04L51/16 or H04L51/12 or H04L65/1069).cpc. and S161	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/04/20 11:40
S166	8	(H04L51/046 or H04L51/36 or H04L51/18 or H04L51/16 or H04L51/\$ or H04L65/\$).cpc. and S161	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/04/20 11:41
S167	87	(send\$3 transmit\$5 transfer\$3 forward\$3 sent) near5 (text message) near10 ((simultaneous\$3	US-PGPUB; USPAT; USOCR;	OR	ON	2021/04/20 11:45

		parallel concurrent\$4)) with ((attach\$5 associat\$5) near5 (ID destination recipient))	FPRS; EPO; JPO; DERWENT; IBM_TDB			
S168	23	(send\$3 transmit\$5 transfer\$3 forward\$3 sent) near5 (text message) near10 ((simultaneous\$3 parallel concurrent\$4)) and S163	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/04/20 12:04
S169	193	(send\$3 transmit\$5 transfer\$3 forward\$3 sent copy) near5 (text message) near10 ((simultaneous\$3 parallel concurrent\$4)) with ((attach\$5 associat\$5) near5 (ID destination recipient channel room session))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/04/20 12:46
S170	87	(send\$3 transmit\$5 transfer\$3 forward\$3 sent) near5 (text message) near10 ((simultaneous\$3 parallel concurrent\$4)) with ((attach\$5 associat\$5) near5 (ID destination recipient))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/04/20 12:49
S171	193	(send\$3 transmit\$5 transfer\$3 forward\$3 sent copy) near5 (text message) near10 ((simultaneous\$3 parallel concurrent\$4)) with ((attach\$5 associat\$5) near5 (ID destination recipient channel room session))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/04/20 14:46
S172	87	(send\$3 transmit\$5 transfer\$3 forward\$3 sent) near5 (text message) near10 ((simultaneous\$3 parallel concurrent\$4)) with ((attach\$5 associat\$5) near5 (ID destination recipient))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/04/20 14:46
S173	106	S171 not S172	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/04/20 14:46
S174	11,111	(send\$3 transmit\$5 transfer\$3 forward\$3 sent copy cc) near5 (text chat message) near10 ((another	US-PGPUB; USPAT; USOCR; FPRS; EPO;	OR	ON	2021/04/20 15:09

		second) near3 (room channel session))	JPO; DERWENT; IBM_TDB			
S175	11,163	(send\$3 transmit\$5 transfer\$3 forward\$3 sent copy cc imultaneous\$3 parallel concurrent\$4) near5 (text chat message) near10 ((another second) near3 (room channel session))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/04/20 15:09
S176	1,883	(H04L51/046 or H04L51/36 or H04L51/18 or H04L51/16 or H04L51/\$ or H04L65/\$).cpc. and S175	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/04/20 15:10
S177	926	(H04L51/046 or H04L51/36 or H04L51/18 or H04L51/16 or H04L51/12 or H04L65/1069).cpc. and S176	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/04/20 15:11
S178	11,029	(send\$3 transmit\$5 transfer\$3 forward\$3 sent copy cc imultaneous\$3 parallel concurrent\$4) near5 (chat message) near10 ((another second) near3 (room channel session))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/04/20 15:11
S179	11,029	(send\$3 transmit\$5 transfer\$3 forward\$3 sent copy cc imultaneous\$3 parallel concurrent\$4) near5 (chat message) near10 ((another second another) near3 (room channel session))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/04/20 15:11
S180	189	(copy cc imultaneous\$3 parallel concurrent\$4) near5 (chat message) near10 ((another second) near3 (room channel session))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/04/20 15:12
S181	193	(send\$3 transmit\$5 transfer\$3 forward\$3 sent copy) near5 (text message) near10 ((simultaneous\$3 parallel concurrent\$4)) with ((attach\$5 associat\$5) near5 (ID	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	ON	2021/04/21 09:51

		destination recipient channel room session))	DERWENT; IBM_TDB			
S182	87	(send\$3 transmit\$5 transfer\$3 forward\$3 sent) near5 (text message) near10 ((simultaneous\$3 parallel concurrent\$4)) with ((attach\$5 associat\$5) near5 (ID destination recipient))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/04/21 09:51
S183	106	S181 not S182	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/04/21 09:51
S184	189	(copy cc imultaneous\$3 parallel concurrent\$4) near5 (chat message) near10 ((another second) near3 (room channel session))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/04/21 09:51
S185	189	S184 not S183	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/04/21 09:51
S186	48	(H04L51/046 or H04L51/36 or H04L51/18 or H04L51/16 or H04L51/\$ or H04L65/\$).cpc. and S185	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/04/21 10:01
S187	1,325	(copy cc imultaneous\$3 parallel concurrent\$4) near5 (chat message) with (hash\$4 tag\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/04/21 11:50
S188	268	(H04L51/046 or H04L51/36 or H04L51/18 or H04L51/16 or H04L51/\$ or H04L65/\$).cpc. and S187	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	ON	2021/04/21 11:51

			DERWENT; IBM_TDB			
S189	1,083	(copy cc imultaneous\$3 parallel concurrent\$4) near5 (chat message) near10 (hash\$4 tag\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/04/21 11:52
S190	196	(H04L51/046 or H04L51/36 or H04L51/18 or H04L51/16 or H04L51/\$ or H04L65/\$).cpc. and S189	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/04/21 11:52
S191	1,095	"9882846" "20170272390" "10009300" "20170134316" "9712466" "20210044551" "20190238489" "10547575" "20160127282" "10805247" "20160085386" "20190138159" "20160088433" "10185458" "20140237126" "10572098" "20200153768" "20210044550" "10209852" "9225748" "20140066105" "20200099638" "8787888" "10025475" "20180203586" "20160285799" "10516635" "10728192" "20090113315" "10908803" "9152936" "2014055861" "10126927" "2904740" "20140101261" "10908802" "20150295872" "20170026317" "2013122630" "10623345" "10805257" "2815325" "10284718" "20150365364" "9501764" "8140980" "20050034079" "20200120051" "20180007200" "1661024" "20190394147" "2005017674" "1661024" "20170310826" "9661142" "10404636" "3580896" "2018231307" "2016154612" "20150172228" "10880243" "20130055099" "20180367483" "20120117153" "20050027669" "20190281422" "2018132644" "20140101263" ("9509642" "2953321" "20140122628"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/04/21 12:28

		"10904481" "9935979" "2953321" "20150350251" "2904740" "20090083115" "10423948" "9769313" "9860198" "10645041" "20190297039" "10348658" "20140101262" "20180367484" "10873548" "20120045045" "8583741" "10516636" "9325645" "2013028325" "20120046961" "2014116493" "20120044261" "20120044258" "2011137286" "10439970" "20200014646" "2018231306" "20200228477" "20200059445" "20210075753" "20110202594" "3580712" "7685237" "20170048174" "9560206" "8819726" "20190268289" "20110270609" "2011137303" "10664529" "20150110261" "20160294742" "20120144416" "20050125544" "9686212" "8898219" "7680895" "20040003041" "2003085539" "1495413" "20130055112" "20190036989" "10164924" "3541025" "20110270933" "2458535" "20200327171" "10523617" "3659327" "20190207897" "2013030829" "20050021445" "20180011848" "20130159432" "10887410" "20130080927" "20180026929" "20200092246" "20200106735" "20130205229" "20160241530" "10313292" "9043212" "10972547" "8626847" "2012051539" "2458540" "20200177651" "2016130466" "10817572" "10108613" "20190075065" "20120331066" "20110252093" "20150032686" "2458536" "2458539" "20190312828" "10728187" "9923982" "2019023596" "10834152" "9544257" "20100241972" "20060080432").pn.				
S192	1	S191 and S189	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/04/21 12:28

S193	252	(simultaneous\$3) near5 (chat message) with (hash\$4 tag\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/04/21 12:29
S194	1,265	(copy cc simultaneous\$3 parallel concurrent\$4) near5 (chat message) near10 (hash\$4 tag\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/04/21 12:29
S195	1,084	(display\$5 show\$4) near6 (confirm\$5 indicat\$5) near6 (message) near16 (deliver\$5 reach\$4)	USPAT	OR	ON	2021/04/22 15:51
S196	33	(copy cc simultaneous\$3 parallel concurrent\$4) near5 ((chat text) near5 message) near10 (hash\$4 tag\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/05/24 22:33
S197	64	(copy cc simultaneous\$3 parallel concurrent\$4) near5 ((chat text) near5 message) near10 (multiple different several plurality) near5 ((chat\$4 text\$3 conversation) near5 (room window channel))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/05/24 22:38
S198	0	(forward\$5 near5 (simultaneous\$3 parallel concurrent\$4)) near5 ((chat text) near5 message) near10 (multiple different several plurality) near5 ((chat\$4 text\$3 conversation) near5 (room window channel))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/05/24 22:53
S199	10	forward\$5 near5 ((chat text) near5 message) near10 (multiple different several plurality) near5 ((chat\$4 text\$3 conversation) near5 (room window channel))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/05/24 22:54
S200	10	forward\$5 near5 ((chat text) near5 message) near10 (multiple different several plurality) near5 ((chat\$4 text\$3 conversation message) near5 (room window channel))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	ON	2021/05/24 22:54

			DERWENT; IBM_TDB			
S201	22	(forward\$5 broadcast\$4) near5 ((chat text) near5 message) near10 (multiple different several plurality) near5 ((chat\$4 text\$3 conversation message) near5 (room window channel))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/05/24 22:55
S202	12	S201 not S200	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/05/24 22:56
S203	242	(forward\$5) near5 (chat text message) near10 (multiple different several plurality) near10 ((chat\$4 text\$3 conversation message) near3 (room window channel))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/05/24 23:09
S204	13	(H04L51/046 or H04L51/36 or H04L51/18 or H04L51/16 or H04L51/12 or H04L65/1069).cpc. and S203	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/05/24 23:10
S205	24	(H04L51/046 or H04L51/36 or H04L51/18 or H04L51/16 or H04L51/\$ or H04L65/1069).cpc. and S203	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/05/24 23:10
S206	25	(H04L51/046 or H04L51/36 or H04L51/18 or H04L51/16 or H04L51/\$ or H04L65/\$).cpc. and S203	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/05/24 23:10
S207	1	(forward\$5) near5 (chat text message) near10 (multiple different several plurality) near10 ((chat\$4 text\$3 conversation message) near3 (room window channel) with (designation hash symbol tag))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	ON	2021/05/24 23:19

			DERWENT; IBM_TDB			
S208	42	(forward\$3 send transmitting transmit transmission) near5 (tweet chat text message) near10 (multiple different several plurality) near10 ((chat\$4 text\$3 conversation message) near3 (room window channel) with (designation hash symbol tag))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/05/24 23:23
S209	32	("20130275596" "20150131661" "20110004878" "9639379" "20160182284" "20180097701" "10230601" "20150163192" "20170199755" "20160105350" "9065725").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/05/24 23:41
S210	242	(forward\$5) near5 (chat text message) near10 (multiple different several plurality) near10 ((chat\$4 text\$3 conversation message) near3 (room window channel))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/05/25 10:30
S211	9	"20140029701"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/05/25 10:37
S212	3	"20120239621"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/05/25 10:56
S213	3	"20120177067"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/05/25 11:00
S214	6	"20120134282"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	ON	2021/05/25 11:07

			DERWENT; IBM_TDB			
S215	3	"20120239621" and audio	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/05/25 12:43
S216	3	"20140029701" and (audio sound)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/05/25 12:44
S217	3	"20120177067" and (sound audio)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/05/25 12:44
S218	1	"20120134282" and (audio sound)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/05/25 12:45
S219	1	"20120134282" and (audio sound) and synchronization	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/05/25 13:19
S220	1	"20120134282" and (audio sound) and (sync sync\$3 synchroniz\$5)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/05/25 13:20
S221	2	"20120177067" and (audio sound) and (sync sync\$3 synchroniz\$5) and (hash signature fingerprint)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	ON	2021/05/25 13:25

			DERWENT; IBM_TDB			
S222	2	"20120177067" and (hash signature fingerprint)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/05/25 13:29
S223	3	"20120239621" and (audio sound) and (sync sync\$3 synchroniz\$5) and (hash signature fingerprint)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/05/25 13:51
S227	58	(copy cc shar\$4) near5 (chat) near10 ((multiple different several plurality) near5 ((chat\$4 text\$3 conversation message) near5 (room window channel)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/05/30 17:43
S228	448	(copy cc shar\$4) near5 (chat text message) near10 ((multiple different several plurality) near5 ((chat\$4 text\$3 conversation message) near5 (room window channel)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/05/30 17:43
S229	100	S228 and chat	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/05/30 17:43
S230	92	(H04L51/046 or H04L51/36 or H04L51/18 or H04L51/16 or H04L51/\$ or H04L65/\$).cpc. and S228	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/05/30 17:45
S231	35	S229 not S230	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	ON	2021/05/30 17:45

			DERWENT; IBM_TDB			
S232	1	(copy cc shar\$4) near5 (chat text message) near10 ((multiple different several plurality) near5 ((chat\$4 text\$3 conversation message) near5 (room window channel))) with ((receiver recipient destination target\$4) near4 (ID identifier identification))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/05/31 12:55
S233	2	(copy cc shar\$4) near5 (chat text message) near10 ((multiple different several plurality) near5 ((chat\$4 text\$3 conversation message) near5 (room window channel))) with ((receiver recipient destination target\$4) near4 (ID identifier identification window room window))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/05/31 12:59
S234	58	(copy cc shar\$4) near5 (chat text message) near10 (multiple different several plurality) near8 ((receiver recipient destination target\$4) near4 (ID identifier identification window room window))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/05/31 13:01
S235	975	(copy cc shar\$4) near5 (chat text message) near10 ((multiple different several plurality) near5 ((chat\$4 text\$3 conversation message discussion) near5 (room window channel session group)) chatroom chat-room)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/05/31 14:14
S236	101	(copy cc shar\$4) near5 (chat text message) near10 ((multiple different several plurality) near5 ((chat\$4 text\$3 conversation message discussion) near5 (room window channel session group)) chatroom chat-room) same ((receiver recipient destination target\$4 room window channel session group) near4 (ID identifier identification name))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/05/31 14:18
S237	58	(copy cc shar\$4) near5 (chat text message) near10 (multiple different several plurality) near8 ((receiver recipient destination target\$4) near4 (ID identifier identification window room window))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/05/31 15:02

S238	101	(copy cc shar\$4) near5 (chat text message) near10 ((multiple different several plurality) near5 ((chat\$4 text\$3 conversation message discussion) near5 (room window channel session group)) chatroom chat-room) same ((receiver recipient destination target\$4 room window channel session group) near4 (ID identifier identification name))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/05/31 15:02
S239	58	(copy cc shar\$4) near5 (chat text message) near10 (multiple different several plurality) near8 ((receiver recipient destination target\$4) near4 (ID identifier identification window room window))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/05/31 15:38
S240	101	(copy cc shar\$4) near5 (chat text message) near10 ((multiple different several plurality) near5 ((chat\$4 text\$3 conversation message discussion) near5 (room window channel session group)) chatroom chat-room) same ((receiver recipient destination target\$4 room window channel session group) near4 (ID identifier identification name))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/05/31 15:38
S241	92	S240 not S239	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/05/31 15:38
S242	178	((copy cc shar\$4) near5 (chat text message) near10 (multiple different several plurality)) with ((receiver recipient destination target\$4 room window channel session group) near4 (ID identifier identification name))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/05/31 15:56
S243	101	(copy cc shar\$4) near5 (chat text message) near10 ((multiple different several plurality) near5 ((chat\$4 text\$3 conversation message discussion) near5 (room window channel session group)) chatroom chat-room) same ((receiver recipient destination target\$4 room window channel session group) near4 (ID identifier identification name))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/05/31 16:27

S244	178	((copy cc shar\$4) near5 (chat text message) near10 (multiple different several plurality)) with ((receiver recipient destination target\$4 room window channel session group) near4 (ID identifier identification name))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/05/31 16:27
S245	101	(copy cc shar\$4) near5 (chat text message) near10 ((multiple different several plurality) near5 ((chat\$4 text\$3 conversation message discussion) near5 (room window channel session group)) chatroom chat-room) same ((receiver recipient destination target\$4 room window channel session group) near4 (ID identifier identification name))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/05/31 17:01
S246	178	((copy cc shar\$4) near5 (chat text message) near10 (multiple different several plurality)) with ((receiver recipient destination target\$4 room window channel session group) near4 (ID identifier identification name))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/05/31 17:01
S247	127	S246 not S245	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/05/31 17:01
S248	25	(H04L51/046 or H04L51/36 or H04L51/18 or H04L51/16 or H04L51/\$ or H04L65/\$).cpc. and S247	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/05/31 17:04
S249	47	(US-20160261537-\$ or US-20150319203-\$ or US-20150099491-\$ or US-20090177978-\$ or US-20130185363-\$ or US-20090125594-\$ or US-20150256353-\$ or US-20190036854-\$ or US-20180139590-\$ or US-20170373868-\$ or US-20170078858-\$ or US-20160241494-\$ or US-20130268603-\$ or US-20030084167-\$ or US-20140149522-\$ or US-20120240062-\$ or US-20120296987-\$ or US-20100325112-\$ or US-20080263204-\$ or US-	US-PGPUB; USPAT	OR	ON	2021/05/31 17:09

		20090059922-\$ or US-20180239753-\$ or US-20160253315-\$ or US-20130097260-\$ or US-20140096033-\$ or US-20160284031-\$ or US-20130073636-\$).did. or (US-20190319900-\$ or US-20180324116-\$ or US-20160337291-\$ or US-20160057093-\$ or US-20150081790-\$ or US-20140040784-\$ or US-20120158878-\$ or US-20070136430-\$ or US-20110281596-\$).did. or (US-9374327-\$ or US-8990329-\$ or US-8103960-\$ or US-8495660-\$ or US-9026601-\$ or US-10848445-\$ or US-10193844-\$ or US-10878478-\$ or US-10659243-\$ or US-9621500-\$ or US-9667769-\$ or US-10122662-\$).did.				
S250	5	S249 and ((copy cc shar\$4 forward\$5 send\$4 transmit\$4) near5 (chat text message) near10 (multiple different several plurality)) with ((receiver recipient destination target\$4 room window channel session group) near4 (ID identifier identification name))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/05/31 17:09
S251	1	(copy cc shar\$4) near5 (IM) near10 ((multiple different several plurality) near5 ((chat\$4 text\$3 conversation message) near5 (room window channel)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/05/31 17:10
S252	5	(copy cc shar\$4) near5 (IM) near10 ((multiple different several plurality) near5 ((chat\$4 text\$3 conversation message discussion) near5 (room window channel)) chatroom chat-room)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/05/31 17:11
S253	9	S249 and (copy cc shar\$4) near5 (chat text message) near10 ((multiple different several plurality) near5 ((chat\$4 text\$3 conversation message) near5 (room window channel)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/05/31 17:14
S254	8	"15810399"	US-PGPUB; USPAT; USOCR; FPRS; EPO;	OR	ON	2021/05/31 17:20

			JPO; DERWENT; IBM_TDB			
S255	0	"10594502".pn. and (display\$4 near5 chat near5 room)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/05/31 17:23
S256	1	"10594502".pn. and ((display\$4 present\$4) near5 room)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/05/31 17:23
S257	11	S249 and twitter	US-PGPUB; USPAT	OR	ON	2021/05/31 17:26
S258	0	S249 and ((copy cc shar\$4 forward\$5 send\$4 transmit\$4) near5 (chat text message) near10 (multiple different several plurality)) with (hashtag "1"\$hashtag)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/05/31 17:42
S259	0	S249 and ((copy cc shar\$4 forward\$5 send\$4 transmit\$4) near5 (chat text message) near10 (multiple different several plurality)) with (hashtag \$1hashtag)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/05/31 17:43
S260	7	((copy cc shar\$4 forward\$5 send\$4 transmit\$4) near5 (chat text message) near10 (multiple different several plurality)) with (hashtag "1"\$hashtag)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/05/31 17:44
S261	0	((copy cc shar\$4) near5 (chat text message) near10 (multiple different several plurality)) with ((receiver recipient destination target\$4 room window channel session group) near4 (hashtag \$1hashtag))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/05/31 17:44
S262	0	((copy cc shar\$4) near5 (chat text message) near10 ((multiple different	US-PGPUB; USPAT;	OR	ON	2021/05/31 17:45

		several plurality)) near5 (receiver recipient destination target\$4 room window channel session group)) with (hashtag \$1hashtag)	USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB			
S263	1	((copy cc shar\$4 forward\$5 send\$4 transmit\$4) near10 (chat text message) near10 ((multiple different several plurality)) near5 (receiver recipient destination target\$4 room window channel session group)) with (hashtag \$1hashtag)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/05/31 17:47
S264	0	(copy cc shar\$4 forward\$5 send\$4 transmit\$4) near10 (chat text message) near10 ((multiple different several plurality) near5 (receiver recipient destination target\$4 room window channel session group)) with (hashtag \$1hashtag)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/05/31 17:47
S265	96	(copy cc shar\$4 forward\$5 send\$4 transmit\$4) near10 (chat text message) with (receiver recipient destination target\$4 room window channel session group) with (hashtag \$1hashtag)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/05/31 17:49
S266	6	"20080075428"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/05/31 22:21
S277	464	("10594502" "10999089" "10616156" "9253306" "20110209069" "20110047246" "20110110364" "8755372" "8909693" "20090019367" "20200294636" "20200279626" "10672508" "20180198692" "20100217837" "20150074259" "20150347683" "8543665" "20160277261" "9569587" "10403394" "20040230659" "20200176095" "20160330200" "20170344703" "20200013492" "20160165184" "20140025766" "9402054" "20130007150" "8861537" "9462036" "20050038876" "20080063159" "20110202594" "9015297" "20040030750")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/06/03 11:30

		"20120311060" "8959030"			
		"9043212" "8250150"			
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		"20040003041" "8898219"			
		"20150110261" "20110209195"			
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		"20080313265" "10701206"			
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		"20080049914" "20070294336"			
		"20080056462" "7849205"			
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		"6754181" "8027335"			
		"20140267571" "8498290"			
		"9369673" "20080056476"			
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		"20200228363" "20170041296"			
		"20190222560" "8832187"			
		"10764254" "10033702"			
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		"20130159443" "20170085712"			
		"8832301" "20190087707"			
		"5867495" "9525849"			
		"20030078972" "8396490"			
		"20130282421" "20110072367"			
		"9800726" "20130144951"			
		"20140343994" "20150254679"			
		"20170054846" "20140279276"			
		"20160088155" "20140317532"			
		"9210266" "20150142906"			
		"20020143876" "20110251868"			

		"7957991" "8560366" "20170331957" "20030187800" "20170142076" "20150310188" "9762553" "9613190" "20140358632" "20060178918" "20160227040" "8954349" "8396489" "20140351586" "7299257" "8842841" "20140164776" "9922345" "20130156167" "8032409" "20120089410" "20080089506" "20110055309" "9338027" "9781385" "7092370" "8693377" "9819800" "20140126715" "20150063557" "20150269617" "20160165051" "20020057678" "20170063768" "9986099" "20040064351" "7987491" "20180198745" "8223955").pn.				
S278	46	S277 and ((delivery transmission) near5 (receipt confirming confirm confirmation validat\$5))	US-PGPUB; USPAT	OR	ON	2021/06/03 11:35
S279	25	S277 and (group\$5 near5 (messages conversation chat talk) near9 (participants users))	US-PGPUB; USPAT	OR	ON	2021/06/03 11:45
S280	0	S277 and (grouping near5 (messages conversation chat talk) near9 (participants users))	US-PGPUB; USPAT	OR	ON	2021/06/03 11:47
S281	0	S277 and ((grouping separating) near5 (messages conversation chat talk) near9 (participants users))	US-PGPUB; USPAT	OR	ON	2021/06/03 11:48
S282	1,290	((grouping separating) near5 (messages conversation chat talk) near9 (participants users))	US-PGPUB; USPAT	OR	ON	2021/06/03 11:48
S283	1,519	((grouping separating) near5 (messages conversation chat talk) near9 (participants users))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/06/03 11:48
S284	0	((grouping separating) near5 (messages conversation chat talk) near9 (each near2 (participants users)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/06/03 11:48

S285	1	((grouping separating) near5 (messages conversation chat talk) near9 ((each every) near2 (participants users)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/06/03 11:49
S286	14	((grouping separate\$3 segregate\$3 isolate\$4) near5 (messages conversation chat talk) near9 ((each every) near2 (participants users)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/06/03 11:50
S287	6	"20110078628"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/06/03 12:13
S288	1	((cross across) near2 (copy cc shar\$4 exchange\$4) near5 (chat text message IM) near10 (multiple different several plurality)) with ((receiver recipient destination target\$4 room window channel session group) near4 (ID identifier identification name))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/06/03 17:04
S289	0	((cross across) near2 (copy cc shar\$4 exchange\$4 transmission) near5 (chat text message IM) near10 (multiple different several plurality) near5 (room window channel)) with ((receiver recipient destination target\$4 room window channel session group) near4 (ID identifier identification name))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/06/03 17:15
S290	0	((cross across) near2 (copy cc shar\$4 exchange\$4 transmission) near5 (chat text message IM) near10 (multiple different several plurality) near5 (room window channel)) with ((receiver recipient destination target\$4 room window channel session group) near4 (hashtag ID identifier identification name))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/06/03 20:58
S291	30	((cross across) near2 (copy cc shar\$4 exchange\$4 transmission) near5 (chat text message IM) near10	US-PGPUB; USPAT; USOCR;	OR	ON	2021/06/03 20:59

		(multiple different several plurality) near5 (room window channel))	FPRS; EPO; JPO; DERWENT; IBM_TDB			
S292	113	((cross across) near2 (copy cc shar\$4 exchang\$4 relation interaction communication transmission transfer\$4) near5 (chat text message IM) near10 (multiple different several plurality) near5 (room window channel))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/06/03 21:03
S293	29	(H04L51/046 or H04L51/36 or H04L51/18 or H04L51/16 or H04L51/\$ or H04L65/\$ H04L61/\$ H04L69/\$ H04L12/\$ H04L51/046 H04L51/046).cpc. and S292	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/06/03 21:05
S294	464	("10594502" "10999089" "10616156" "9253306" "20110209069" "20110047246" "20110110364" "8755372" "8909693" "20090019367" "20200294636" "20200279626" "10672508" "20180198692" "20100217837" "20150074259" "20150347683" "8543665" "20160277261" "9569587" "10403394" "20040230659" "20200176095" "20160330200" "20170344703" "20200013492" "20160165184" "20140025766" "9402054" "20130007150" "8861537" "9462036" "20050038876" "20080063159" "20110202594" "9015297" "20040030750" "20120311060" "8959030" "9043212" "8250150" "20050198299" "20110202439" "20080086564" "8856236" "20110202347" "8924217" "9489658" "8316128" "20040003041" "8898219" "20150110261" "20110209195" "20050198125" "10382475" "8880401" "8434128" "20110209196" "6909708" "20080313265" "10701206" "20170054665" "5867494" "8607325" "8094647" "8289951" "20080095339" "7869425"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/06/03 23:54

	"20080049919" "8572269"			
	"20090109959" "7145898"			
	"5999525" "8706835"			
	"20030185232" "20020064149"			
	"10530598" "8194646"			
	"20110225293" "20020122391"			
	"20090213844" "7761526"			
	"20080049914" "20070294336"			
	"20080056462" "7849205"			
	"10015169" "20050249196"			
	"20110209194" "9215236"			
	"20150172228" "7466810"			
	"20110209193" "20030187641"			
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	"20080049910" "20130315227"			
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	"20140267571" "8498290"			
	"9369673" "20080056476"			
	"6731625" "20130097333"			
	"20180004375" "8578039"			
	"9154735" "20180367506"			
	"20140313282" "20160226823"			
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	"20200228363" "20170041296"			
	"20190222560" "8832187"			
	"10764254" "10033702"			
	"20030120593" "20100296641"			
	"20130159443" "20170085712"			
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	"5867495" "9525849"			
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	"20130282421" "20110072367"			
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	"20140343994" "20150254679"			
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	"20160088155" "20140317532"			
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	"20110055309" "9338027"			
	"9781385" "7092370" "8693377"			
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	"20150063557" "20150269617"			

		"20160165051" "20020057678" "20170063768" "9986099" "20040064351" "7987491" "20180198745" "8223955").pn.				
S295	143	(copy cc shar\$4 forward\$5 send\$4 transmit\$4) near10 (chat text message) with (receiver recipient destination target\$4 room window channel session group) and S294	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/06/03 23:54
S296	436	(Cohen near3 Marc).in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/06/03 23:56
S297	9	(Cohen near3 Marc).in. and (Wrinkl).as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/06/03 23:56
S298	47	(US-20160261537-\$ or US- 20150319203-\$ or US-20150099491- \$ or US-20090177978-\$ or US- 20130185363-\$ or US-20090125594- \$ or US-20150256353-\$ or US- 20190036854-\$ or US-20180139590- \$ or US-20170373868-\$ or US- 20170078858-\$ or US-20160241494- \$ or US-20130268603-\$ or US- 20030084167-\$ or US-20140149522- \$ or US-20120240062-\$ or US- 20120296987-\$ or US-20100325112- \$ or US-20080263204-\$ or US- 20090059922-\$ or US-20180239753- \$ or US-20160253315-\$ or US- 20130097260-\$ or US-20140096033- \$ or US-20160284031-\$ or US- 20130073636-\$).did. or (US- 20190319900-\$ or US-20180324116- \$ or US-20160337291-\$ or US- 20160057093-\$ or US-20150081790- \$ or US-20140040784-\$ or US- 20120158878-\$ or US-20070136430- \$ or US-20110281596-\$).did. or (US- 9374327-\$ or US-8990329-\$ or US- 8103960-\$ or US-8495660-\$ or US-	US-PGPUB; USPAT	OR	ON	2021/06/04 18:52

		9026601-\$ or US-10848445-\$ or US-10193844-\$ or US-10878478-\$ or US-10659243-\$ or US-9621500-\$ or US-9667769-\$ or US-10122662-\$).did.				
S299	21	S298 and ((prevent block) near5 (messag\$5 chat\$4))	US-PGPUB; USPAT	OR	ON	2021/06/04 18:53
S300	27	S298 and ((prevent\$4 block\$4 mut\$4) near5 (messag\$5 chat\$4))	US-PGPUB; USPAT	OR	ON	2021/06/04 18:59
S301	6	S300 not S299	US-PGPUB; USPAT	OR	ON	2021/06/04 18:59
S302	16,014	(interconnect\$4 link\$4 inter-connect\$4) with (((chat\$4 text\$3 conversation message discussion) near5 (room window channel)) chatroom chat-room)	US-PGPUB; USPAT	OR	ON	2021/06/04 19:04
S303	3,584	(H04L51/046 or H04L51/36 or H04L51/18 or H04L51/16 or H04L51/\$ or H04L65/\$ H04L61/\$ H04L69/\$ H04L12/\$ H04L51/046 H04L51/046).cpc. and S302	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/06/04 19:05
S304	14,630	(interconnect\$4 link\$4 inter-connect\$4) near10 (((chat\$4 text\$3 conversation message discussion) near5 (room window channel)) chatroom chat-room)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/06/04 19:06
S305	450	(copy cc shar\$4) near5 (chat text message) near10 ((multiple different several plurality) near5 ((chat\$4 text\$3 conversation message) near5 (room window channel)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/06/04 19:13
S306	110	S304 and S305	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/06/04 19:13
S307	1,711	(interconnect\$4 link\$4 inter-connect\$4) near10 (((chat\$4 text\$3 conversation message discussion) near5 (room window channel)) chatroom chat-room) near10	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	ON	2021/06/04 19:14

		(multiple different several plurality two)	DERWENT; IBM_TDB			
S308	422	(H04L51/046 or H04L51/36 or H04L51/18 or H04L51/16 or H04L51/\$ or H04L65/\$ H04L61/\$ H04L69/\$ H04L12/\$ H04L51/046 H04L51/046).cpc. and S307	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/06/04 19:15
S309	516	(interconnect\$4 link\$4 inter-connect\$4) near10 (((IM instant chat\$4 text\$3 conversation messaging discussion) near5 (room window channel))) chatroom chat-room) near10 (multiple different several plurality two)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/06/04 19:17
S310	149	(H04L51/046 or H04L51/36 or H04L51/18 or H04L51/16 or H04L51/\$ or H04L65/\$ H04L61/\$ H04L69/\$ H04L12/\$ H04L51/046 H04L51/046).cpc. and S309	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/06/04 19:19
S311	14,630	(interconnect\$4 link\$4 inter-connect\$4) near10 (((chat\$4 text\$3 conversation message discussion) near5 (room window channel))) chatroom chat-room)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/06/04 20:15
S312	450	(copy cc shar\$4) near5 (chat text message) near10 ((multiple different several plurality) near5 ((chat\$4 text\$3 conversation message) near5 (room window channel)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/06/04 20:15
S313	110	S311 and S312	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/06/04 20:15
S314	516	(interconnect\$4 link\$4 inter-connect\$4) near10 (((IM instant chat\$4 text\$3 conversation messaging discussion) near5 (room window channel))) chatroom chat-	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO;	OR	ON	2021/06/04 20:15

		room) near10 (multiple different several plurality two)	DERWENT; IBM_TDB			
S315	149	(H04L51/046 or H04L51/36 or H04L51/18 or H04L51/16 or H04L51/\$ or H04L65/\$ H04L61/\$ H04L69/\$ H04L12/\$ H04L51/046 H04L51/046).cpc. and S314	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/06/04 20:15
S316	143	S315 not S313	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/06/04 20:15
S317	0	S316 and S312	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/06/04 20:18
S318	0	S316 and S313	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/06/04 20:18
S319	48	(copy cc shar\$4) near5 (chat text message) and S316	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/06/04 20:20
S320	2,575,054	(administrator admin moderator) near5 (mut\$3 silent) near18 (everyone all entire) nea5 (chatroom chat-room room)	US-PGPUB; USPAT	OR	ON	2021/06/04 20:45
S321	4,712,904	(administrator admin moderator) near5 (mut\$3 silent) near18 (everyone all entire) nea5 (chatroom chat-room room)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/06/04 20:45

S322	1	(administrator admin moderator) near5 (mut\$3 silent) near18 (everyone all entire) near5 (chatroom chat-room room)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/06/04 20:47
S323	1	(administrator admin moderator) near5 (mut\$3 silent) near18 (everyone all entire whole every) near5 (chatroom chat-room room)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/06/04 20:47
S324	0	(administrator admin moderator) near5 (mut\$3 silent) near18 (everyone all entire whole every) near5 ((chat\$4 text\$3 conversation message) near5 (room window channel) chatroom)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/06/04 20:48
S325	0	(administrator admin moderator) near10 (mut\$3 silent) near18 (everyone all entire whole every) near10 ((chat\$4 text\$3 conversation message) near5 (room window channel) chatroom)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/06/04 20:49
S326	0	(administrator admin moderator) near10 (mut\$3 silent) near18 (everyone all entire whole ever eachy) near10 ((chat\$4 text\$3 conversation message) near5 (room window channel) chatroom)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/06/04 20:49
S327	0	(administrator admin moderator) near10 (mut\$3 silent) near18 (everyone all entire whole every each) near10 ((chat\$4 text\$3 conversation message IM messenger instant) near5 (room window channel) chatroom)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/06/04 20:50
S328	0	(administrator admin moderator) near10 (mut\$3 silent prevent\$4) near18 (everyone all entire whole every each) near10 ((chat\$4 text\$3 conversation message IM messenger instant) near5 (room window channel) chatroom)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/06/04 20:50

S329	14	(administrator admin moderator) near10 (mut\$3 silent prevent\$4 prohibited) near10 ((chat\$4 text\$3 conversation message IM messenger instant) near5 (room window channel) chatroom)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/06/04 20:51
S330	14	(administrator admin moderator) near10 (mut\$3 silent prevent\$4 prohibit\$4) near10 ((chat\$4 text\$3 conversation message IM messenger instant) near5 (room window channel) chatroom)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/06/04 20:51
S331	47	(US-20160261537-\$ or US-20150319203-\$ or US-20150099491-\$ or US-20090177978-\$ or US-20130185363-\$ or US-20090125594-\$ or US-20150256353-\$ or US-20190036854-\$ or US-20180139590-\$ or US-20170373868-\$ or US-20170078858-\$ or US-20160241494-\$ or US-20130268603-\$ or US-20030084167-\$ or US-20140149522-\$ or US-20120240062-\$ or US-20120296987-\$ or US-20100325112-\$ or US-20080263204-\$ or US-20090059922-\$ or US-20180239753-\$ or US-20160253315-\$ or US-20130097260-\$ or US-20140096033-\$ or US-20160284031-\$ or US-20130073636-\$).did. or (US-20190319900-\$ or US-20180324116-\$ or US-20160337291-\$ or US-20160057093-\$ or US-20150081790-\$ or US-20140040784-\$ or US-20120158878-\$ or US-20070136430-\$ or US-20110281596-\$).did. or (US-9374327-\$ or US-8990329-\$ or US-8103960-\$ or US-8495660-\$ or US-9026601-\$ or US-10848445-\$ or US-10193844-\$ or US-10878478-\$ or US-10659243-\$ or US-9621500-\$ or US-9667769-\$ or US-10122662-\$).did.	US-PGPUB; USPAT	OR	ON	2021/06/04 21:29
S332	27	S331 and ((prevent\$4 block\$4 mut\$4) near5 (messag\$5 chat\$4))	US-PGPUB; USPAT	OR	ON	2021/06/04 21:29
S333	0	S331 and ((replay) near5 (privat\$5))	US-PGPUB; USPAT	OR	ON	2021/06/04 21:30
S334	0	S331 and ((reply) near5 (privat\$5))	US-PGPUB; USPAT	OR	ON	2021/06/04 21:30

S335	0	S331 and ((reply respon\$4) near5 (privat\$5))	US-PGPUB; USPAT	OR	ON	2021/06/04 21:31
S336	118	((chat\$4 text\$3 conversation message IM messenger instant) near5 (room window channel) chatroom) with ((reply respon\$4) near5 (privat\$5))	US-PGPUB; USPAT	OR	ON	2021/06/04 21:31
S337	4	((chat\$4 text\$3 conversation message IM messenger instant) near5 (room window channel) chatroom) with ((reply respon\$4) near5 (grouped))	US-PGPUB; USPAT	OR	ON	2021/06/04 21:39
S338	685	((chat\$4 text\$3 conversation message IM messenger instant) near5 (room window channel) chatroom) with ((reply respon\$4) near5 (group\$4 cluster\$4))	US-PGPUB; USPAT	OR	ON	2021/06/04 21:42
S339	651	((chat\$4 text\$3 conversation message IM messenger instant) near5 (room window channel) chatroom) with ((reply respon\$4) near5 (group\$4))	US-PGPUB; USPAT	OR	ON	2021/06/04 21:43
S340	298	(H04L51/046 or H04L51/36 or H04L51/18 or H04L51/16 or H04L51/\$ or H04L65/\$ H04L61/\$ H04L69/\$ H04L12/\$ H04L51/046 H04L51/046).cpc. and S339	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/06/04 21:46
S341	50	((chat\$4 text\$3 conversation message IM messenger instant) near5 (room window channel) chatroom) with ((reply respon\$4) near5 (grouping grouped cluster\$4))	US-PGPUB; USPAT	OR	ON	2021/06/04 21:49
S342	46	((((chat\$4 text\$3 conversation message IM messenger instant) near5 (room window channel)) chatroom chat-room) same ((reply respon\$4) near5 (grouping grouped))	US-PGPUB; USPAT	OR	ON	2021/06/04 22:04
S343	108	((((chat\$4 text\$3 conversation message IM messenger instant) near5 (room window channel)) chatroom chat-room) same2 ((reply respon\$4) near5 (grouping grouped))	US-PGPUB; USPAT	OR	ON	2021/06/04 22:40
S344	62	S343 not S342	US-PGPUB; USPAT	OR	ON	2021/06/04 22:43

S365	5,126	((copy cc shar\$4 forward\$5 send\$4 transmit\$4) near4 (chat text message)) near10 ((multiple plurality parallel simultaneous\$4 concurrent\$4) near5 (room group window))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/11/30 09:44
S366	4,991	((copy cc shar\$4 send\$4 transmit\$4) near4 (chat text message)) near10 ((multiple plurality parallel simultaneous\$4 concurrent\$4) near5 (room group window))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/11/30 09:46
S367	1,834	((copy cc shar\$4 send\$4 transmit\$4) near4 (chat text message)) near10 ((multiple plurality parallel simultaneous\$4 concurrent\$4) near6 ((chat text message) near2 (room group window)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/11/30 09:47
S368	45	((copy cc shar\$4 send\$4 transmit\$4) near4 (chat text message)) near10 ((multiple plurality) near8 (parallel simultaneous\$4 concurrent\$4) near6 ((chat text message) near2 (room group window)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/11/30 09:48
S369	106	S365 same2 (Designat\$5 enter type indicate) near8 ((room group window) near2 (identifier ID name label title))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/11/30 10:23
S370	104	S369 not S368	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/11/30 10:48
S371	51	S365 and (Designat\$5 enter type indicate) near8 ((room group window) near2 (identifier ID name label title)) and chat\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/11/30 10:53

S372	280	S365 and (Designat\$5 enter type indicate) near8 ((room group window) near2 (identifier ID name label title)) and (chat\$4 talk\$4 discuss\$4 conversation)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/11/30 10:54
S373	122	(H04L51/046 or H04L51/36 or H04L51/18 or H04L51/16 or H04L51/\$ or H04L65/\$ H04L61/\$ H04L69/\$ H04L12/\$ H04L51/046 H04L51/046).cpc. and S372	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/11/30 10:56
S374	1,887	((copy cc shar\$4 send\$4 transmit\$4) near4 (chat text message)) near10 ((multiple plurality parallel simultaneous\$4 concurrent\$4) near6 ((discussion chat text message conversation) near2 (room group window)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/11/30 13:22
S375	1,934	((copy cc shar\$4 send\$4 transmit\$4) near4 (chat text message)) near10 ((multiple plurality parallel simultaneous\$4 concurrent\$4) near6 ((discussion chat\$4 text messag\$3 conversation) near2 (room group window)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/11/30 13:22
S376	2,578	(display\$4 output\$4 present\$4 show\$4) near10 ((multiple plurality parallel simultaneous\$4 concurrent\$4) near6 ((discussion chat\$4 text messag\$3 conversation) near2 (room group window)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/11/30 13:23
S377	349	S376 and S375	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/11/30 13:24
S378	190	(H04L51/046 or H04L51/36 or H04L51/18 or H04L51/16 or H04L51/\$ or H04L65/\$ H04L61/\$ H04L69/\$ H04L12/\$ H04L51/046 H04L51/046).cpc. and S377	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/11/30 13:25

S379	5,126	((copy cc shar\$4 forward\$5 send\$4 transmit\$4) near4 (chat text message)) near10 ((multiple plurality parallel simultaneous\$4 concurrent\$4) near5 (room group window))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/11/30 13:25
S380	280	S379 and (Designat\$5 enter type indicate) near8 ((room group window) near2 (identifier ID name label title)) and (chat\$4 talk\$4 discuss\$4 conversation)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/11/30 13:25
S381	122	(H04L51/046 or H04L51/36 or H04L51/18 or H04L51/16 or H04L51/\$ or H04L65/\$ H04L61/\$ H04L69/\$ H04L12/\$ H04L51/046 H04L51/046).cpc. and S380	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/11/30 13:25
S382	182	S378 not S381	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/11/30 13:25
S383	2	"15618948"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/11/30 23:11
S384	132	("2014/0053082").URPN.	USPAT	OR	ON	2021/11/30 23:43
S385	0	("2018/0359292").URPN.	USPAT	OR	ON	2021/11/30 23:46
S386	8	16/014,578 and members	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/12/01 17:55
S387	4	"20160028660"	US-PGPUB; USPAT; USOCR;	OR	ON	2021/12/02 00:10

			FPRS; EPO; JPO; DERWENT; IBM_TDB			
S394	134	((copy cc shar\$4) near5 (chat text message) near10 ((multiple different several plurality)) near5 (receiver recipient destination target\$4 room window channel session group gui)) with (hashtag \$1hashtag symbol identification ID character)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/12/03 15:35
S395	37	(H04L51/046 or H04L51/36 or H04L51/18 or H04L51/16 or H04L51/\$ or H04L65/\$ H04L61/\$ H04L69/\$ H04L12/\$ H04L51/046 H04L51/046).cpc. and S394	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2021/12/03 15:39

EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S349	23	Cohen.in. and (message same (first with channel) same (second with channel)).clm.	US-PGPUB; USPAT	OR	ON	2021/06/05 17:32
S351	0	Cohen.in. and (designation same text same message same (first with channel) same (second with channel)).clm.	US-PGPUB; USPAT	OR	ON	2021/06/05 17:33
S352	0	Cohen.in. and (designation same replay same message same (first with channel) same (second with channel)).clm.	US-PGPUB; USPAT	OR	ON	2021/06/05 17:33
S353	4	Cohen.in. and ((text chat) same message same (first with channel) same (second with channel)).clm.	US-PGPUB; USPAT	OR	ON	2021/06/05 17:33
S354	0	Cohen.in. and ((text chat) same message same chatroom).clm.	US-PGPUB; USPAT	OR	ON	2021/06/05 17:34
S363	1	"20120240062"	US-PGPUB; USPAT	OR	ON	2021/06/05 22:45
S364	1	"Term Removed"	US-PGPUB	OR	ON	2021/06/05 22:47
S388	0	Cohen.in. and (designation same text same message same (first with channel) same (second with channel)).clm.	US-PGPUB; USPAT	OR	ON	2021/12/02 10:25

S389	0	Cohen.in. and (designation same (text message) same (first with channel) same (second with channel)).clm.	US-PGPUB; USPAT	OR	ON	2021/12/02 10:25
S390	0	Cohen.in. and (designation same replay same (text message) same (first with channel) same (second with channel)).clm.	US-PGPUB; USPAT	OR	ON	2021/12/02 10:26
S392	4	Cohen.in. and (text same message same (first with channel) same (second with channel)).clm.	US-PGPUB; USPAT	OR	ON	2021/12/02 10:31
S393	5	Cohen.in. and ((transmit\$4 send\$4) with (message text) same (first near3 (room channel window stream)) same (second near3 (room channel window stream))).clm.	US-PGPUB; USPAT	OR	ON	2021/12/02 10:37
S415	1	"Term Removed"	US-PGPUB	OR	ON	2021/12/04 01:46

12/4/2021 4:00:24 PM

C:\Users\adoshi1\Documents\EAST\Workspaces\16014578_3.wsp

PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875				Application or Docket Number 16/014,578		Filing Date 06/21/2018		☐ To be Mailed	
ENTITY: ☐ LARGE ☒ SMALL ☐ MICRO									
APPLICATION AS FILED - PART I									
	(Column 1)	(Column 2)							
FOR	NUMBER FILED	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), (l), 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(j))	minus 20 =	*			x \$50 =				
INDEPENDENT CLAIMS (37 CFR 1.16(h))	minus 3 =	*			x \$230 =				
☐ 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	02/21/2022	CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA		RATE (\$)		ADDITIONAL FEE (\$)	
	Total (37 CFR 1.16(j))	* 37	Minus	** 37	= 0		x \$50 =	0	
	Independent (37 CFR 1.16(h))	* 2	Minus	*** 3	= 0		x \$240 =	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		
AMENDMENT		CLAIMS REMAINING AFTER AMENDMENT	HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA		RATE (\$)		ADDITIONAL FEE (\$)	
	Total (37 CFR 1.16(j))	*	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".						/JAMES W TUNSTALL/			
*** 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.

PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE
PATENT EXAMINING OPERATION**

First Named Inventor: Marc A. COHEN

Application Serial No.: 16/014,578

Group Art Unit: 2423

Filed: June 21, 2018

Examiner: Akshay DOSHI

Attorney Docket No.: W1186/20011

Confirmation No.: 7094

For: PARALLEL MESSAGING APPARATUS AND METHOD THEREOF

AMENDMENT

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

Sir:

INTRODUCTORY COMMENTS

Responsive to the Office Action dated December 10, 2021, please amend the above-identified application as follows:

Amendments to the Claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks/Arguments begin on page 12 of this paper.

Any response in this application requiring a petition for extension of time, but failing to include one, should be treated as though it does include the required petition for extension of time.

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior version, and listing, of claims in the application.

Listing of Claims:

1. (Currently Amended) Apparatus for providing display of exchanged messages, said apparatus comprising:

a memory for storing said messages; and

at least one processor for:

~~a) providing display of said messages wherein said messages are exchanged between a plurality of participants, said messages are exchanged within channels, said channels include a first channel with a first message stream and a second channel with a second message stream, wherein text to be included in a first of said messages is received into a text entry bar from a first of said participants a) while in said first channel, and b) after said second channel has been created, wherein a second of said participants is allowed to communicate in said first channel, and a third of said participants is allowed to communicate in said second channel;~~

~~b) receiving a designation from said first of said participants, prior to said first of said messages being transmitted in said first channel and after said second channel has been created, that said first of said messages is to be transmitted in said second channel;~~

~~c) transmitting said first of said messages [(a)] in said first message stream in said first channel; and [(b)] in said second message stream in said second channel after receiving and based on said designation so that said first of said messages appears in said first message stream and said second message stream;~~

~~d)~~ after transmitting said first of said messages in said first channel and said second channel, indicating in at least one of said first channel or said second channel that said first of said messages was transmitted in more than one of said channels; ~~and~~

~~e)~~ allowing ~~said~~ second of said participants while in said first channel and ~~said~~ third of said participants while in said second channel to reply to said first of said messages,

~~wherein at least one of said messages that appears in said second channel is excluded from appearing in said first channel; and~~

wherein at least one of a) said second of said participants is not included in said second channel; or b) said third of said participants is not included in said first channel, when said first of said messages is transmitted.

2. (Cancelled).

3. (Cancelled).

4. (Cancelled).

5. (Cancelled).

6. (Previously Presented) Apparatus according to claim 1, wherein said second of said participants receives said first of said messages and replies with a response that is visible to only said first of said participants and said second of said participants.

7. (Cancelled).

8. (Cancelled).

9. (Previously Presented) Apparatus according to claim 1, wherein replying to said first of said message is initiated through physical interaction with a display that is displaying said first of said messages.

10. (Previously Presented) Apparatus according to claim 1, wherein said second of said participants replies with a first response, a fourth of said participants replies to said first of said messages in said first channel with a second response, and wherein said first response and said second response are displayed in a manner so that said first response and said second response are grouped together in said first channel.

11. (Cancelled).

12. (Previously Presented) Apparatus according to claim 1, wherein said designation is performed by said first of said participants inserting one or more characters in said first of said messages to indicate that said first of said messages is to be sent to said first channel and to said second channel.

13. (Cancelled).

14. (Previously Presented) Apparatus according to claim 1, wherein when said second of said participants replies with a third response, said third response is visible to not all but less than all of said plurality of participants that participate in said first channel.

15. (Cancelled).

16. (Previously Presented) Apparatus according to claim 1, wherein said first of said participants indicates with physical action that said first of said messages is to be transmitted to ones of said channels that includes said first channel and said second channel.

17. (Cancelled).

18. (Cancelled).

19. (Currently Amended) A method of providing display of exchanged messages, said method comprising the steps of:

a) providing display of said messages, wherein said messages are exchanged between a plurality of participants, said messages are exchanged within channels, said channels include a first channel with a first message stream and a second channel with a second message stream, wherein text to be included in a first of said messages is received into a text entry bar from a first of said participants a) while in said first channel, and b) after said second channel has been created, wherein a second of said participants is allowed to communicate in said first channel, and a third of said participants is allowed to communicate in said second channel;

b) receiving a designation from said first of said participants, prior to said first of said messages being transmitted in said first channel and after said second channel has been created, that said first of said messages is to be transmitted in said second channel;

c) transmitting said first of said messages [[a)] i in said first message stream in said first channel; and [[b)] ii in said second message stream in said second channel after receiving and based on said designation so that said first of said messages appears in said first message stream and said second message stream;

d) after transmitting said first of said messages in said first channel and said second channel, indicating in at least one of said first channel or said second channel that said first of said messages was transmitted in more than one of said channels; and

e) allowing said ~~a~~ second of said participants while in said first channel and said ~~a~~ third of said participants while in said second channel to reply to said first of said messages,

wherein at least one of said messages that appears in said second channel is excluded from appearing in said first channel, and

wherein at least one of a) said second of said participants is not included in said second channel; or b) said third of said participants is not included in said first channel, when said first of said messages is transmitted.

20. (Cancelled).

21. (Cancelled).

22. (Previously Presented) Apparatus according to claim 1, wherein responsive to physical interaction with a screen providing said display of said messages, said first channel and said second channel are identified as having transmitted therein said first of said messages and said second of said messages.

23. (Previously Presented) Apparatus according to claim 1, wherein when said second of said participants replies with a third response to said first of said messages in said first channel, said third response is also transmitted in said second channel.

24. (Previously Presented) Apparatus according to claim 1, wherein
said second of said participants replies in said first channel with a first response,
said third of said participants replies in said second channel with a second response,
said first response is visible in said first channel and is prevented from being displayed in said second channel;

said second response is visible in said second channel and is prevented from being displayed in said first channel.

25. (Previously Presented) Apparatus according to claim 1, wherein at least one of said third of said participants is specified by said first of said participants as being authorized to receive said first of said messages; or a fourth participant included in said second channel that is not

authorized to receive said first of said messages is prevented from viewing said first of said messages.

26. (Previously Presented) Apparatus according to claim 1, wherein said first of said messages is transmitted in said first channel by default.

27. (Previously Presented) Apparatus according to claim 1, wherein said first of said messages is transmitted in said first channel after said first of said participants selects said first channel for transmitting said first of said messages.

28. (Previously Presented) Apparatus according to claim 1, wherein all but said first of said participants is prevented from receiving said first of said message in said first channel.

29. (Previously Presented) Apparatus according to claim 1, wherein receiving said designation includes identifying said second channel as being where said first of said messages is to be transmitted.

30. (Previously Presented) Apparatus according to claim 1, wherein said indication is provided in said first channel and said second channel.

31. (Previously Presented) A method according to claim 19, wherein said second of said participants receives said first of said messages and replies with a response that is visible to only said first of said participants and said second of said participants.

32. (Previously Presented) A method according to claim 19, wherein replying to said first of said message is initiated through physical interaction with a display that is displaying said first of said messages.

33. (Previously Presented) A method according to claim 19, wherein said second of said participants replies with a first response, a fourth of said participants replies to said first of said messages in said first channel with a second response, and wherein said first response and

said second response are displayed in a manner so that said first response and said second response are grouped together in said first channel.

34. (Previously Presented) A method according to claim 19, wherein said designation is performed by said first of said participants inserting one or more characters in said first of said messages to indicate that said first of said messages is to be sent to said first channel and to said second channel.

35. (Previously Presented) A method according to claim 19, wherein when said second of said participants replies with a third response, said third response is visible to not all but less than all of said plurality of participants that participate in said first channel.

36. (Previously Presented) A method according to claim 19, wherein said first of said participants indicates with physical action that said first of said messages is to be transmitted to ones of said channels that includes said first channel and said second channel.

37. (Previously Presented) A method according to claim 19, wherein said first of said participants is authorized to participate in said first channel and said second channel as a condition of transmitting said first of said messages in said first channel and said second channel.

38. (Previously Presented) A method according to claim 19, wherein responsive to physical interaction with a screen providing said display of said messages, said first channel and said second channel are identified as having transmitted therein said first of said messages and said second of said messages.

39. (Previously Presented) A method according to claim 19, wherein when said second of said participants replies with a third response to said first of said messages in said first channel, said third response is also transmitted in said second channel.

40. (Previously Presented) A method according to claim 19, wherein:

said second of said participants replies in said first channel with a first response,

said third of said participants replies in said second channel with a second response,

said first response is visible in said first channel and is prevented from being displayed in
said second channel;

said second response is visible in said second channel and is prevented from being
displayed in said first channel.

41. (Previously Presented) A method according to claim 19, wherein at least one of
said third of said participants is specified by said first of said participants as being authorized to
receive said first of said messages; or a fourth participant included in said second channel that is
not authorized to receive said first of said messages is prevented from viewing said first of said
messages.

42. (Cancelled).

43. (Previously Presented) A method according to claim 19, wherein said first of said
messages is transmitted in said first channel after said first of said participants selects said first
channel for transmitting said first of said messages.

44. (Previously Presented) A method according to claim 19, wherein all but said first
of said participants is prevented from receiving said first of said message in said first channel.

45. (Previously Presented) A method according to claim 19, wherein receiving said
designation includes identifying said second channel as being where said first of said messages is
to be transmitted.

46. (Cancelled).

47. (Cancelled).

48. (Cancelled).

49. (Cancelled).

50. (Newly Added) Apparatus according to claim 1, wherein when said designation is received in step b) for an initial occurrence in time of a plurality of chronologically different times that said designation is received, messages have already been exchanged in said second channel.

51. (Newly Added) A method according to claim 19, wherein when said designation is received in step b) for an initial occurrence in time of a plurality of chronologically different times that said designation is received, messages have already been exchanged in said second channel.

52. (Newly Added) Apparatus according to claim 1, wherein prior to receiving said designation, said second channel exists, and ones of said messages that are transmitted in said first channel while said second channel exists are prohibited from appearing in said second channel, and after receiving said designation and based on said designation, said apparatus transitions from i) said ones of said messages that are transmitted in said first channel while said second channel exists being prohibited from appearing in said second channel to ii) others of said messages transmitted in said first channel while said second channel exists being permitted to appear in said second channel and are received by said third of said participants in said second channel.

53. (Newly Added) A method according to claim 19, wherein prior to receiving said designation, said second channel exists, and ones of said messages that are transmitted in said first channel while said second channel exists are prohibited from appearing in said second channel and after receiving said designation and based on said designation, said apparatus transitions from i) said ones of said messages that are transmitted in said first channel while said second channel exists being prohibited from appearing in said second channel to ii) others of said messages

transmitted in said first channel while said second channel exists being permitted to appear in said second channel and are received by said third of said participants in said second channel.

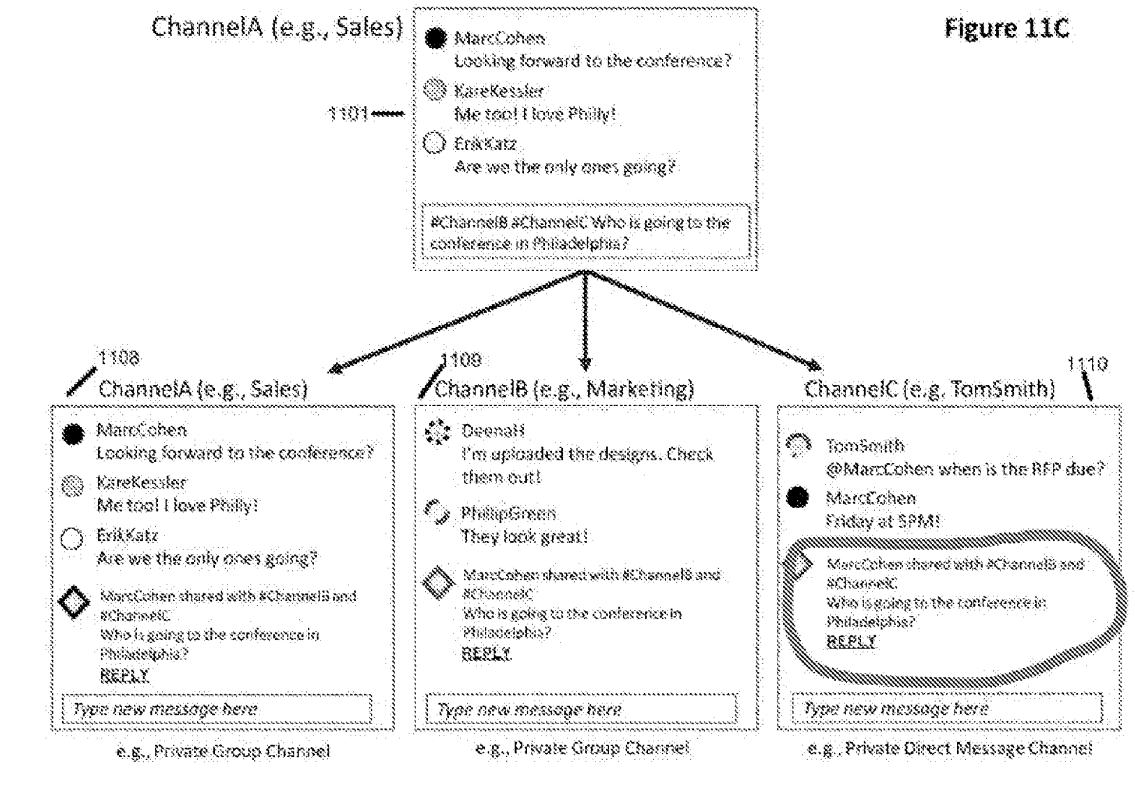
54. (Newly Added) Apparatus according to claim 1, wherein a chronologically initial message that is in said second channel is not transmitted by said first user in both said first channel and said second channel.

55. (Newly Added) A method according to claim 19, wherein a chronologically initial message that is in said second channel is not transmitted by said first user in both said first channel and said second channel.

REMARKS

Claim 1, 6, 9, 10, 12, 14, 16, 19, and 22-41,43-45 and 50-55 are now pending. In the present amendment, claims 1 and 19 have been amended, and claims 20, 21, 42 and 46-49 are cancelled. Also in the present amendment, claims 50-55 have been added. All pending claims previously presented for examination have been rejected.

The present application generally relates to a group messaging system. In some exemplary situations, it is useful for a user of a messaging system to be able to transmit a “first” message in multiple message channels. Thus, the “first” message is transmitted by a “first participant” in a “first” channel and in a “second” channel. A “second participant” in the first channel and at least a “third participant” in the second channel can reply to the first message transmitted by the “first participant.” When the first message appears in the second channel, it is NOT the first time any message appears between the “first participant” and the “third participant” in the second channel. This is illustrated in Applicant’s FIG. 11C in which the message “Who is going to the conference in Philadelphia?” is sent in ChannelA and is shared (which includes transmitting to or displaying in) with ChannelC, yet it is NOT the first time in Channel C that a message has been exchanged between the “first participant” and the “third participant.” See below:



Applicant's previous Office Action responses include a more detailed summary of the present application. Please see the previously filed amendments if a more detailed summary is desired.

The previous rejection of Applicant's claims under 35 U.S.C. §103 has been withdrawn and Applicant's claims have now been rejected based on the combination of Chen (US 2018/0359292) and Blair (US 2014/0096033) – as well as other references applied to several dependent claims. It is respectfully submitted that Applicant's claims are patentable over the art of record for the reasons set forth below:

Chen discloses a mechanism in which, while messages are being exchanged in a first channel, a second brand-new channel is created, and messages exchanged in the first channel may

also be exchanged in the second brand-new channel. This feature is illustrated in Chen FIG. 2B and FIG. 2C.

In Chen FIG. 2B, three users (USERS A,B and C) are texting each other in Channel 202. One of the users decide that they want to open a NEW channel, and the NEW channel will include USERS A,B,C and TYLER123. This step is illustrated in Chen FIG. 2B:

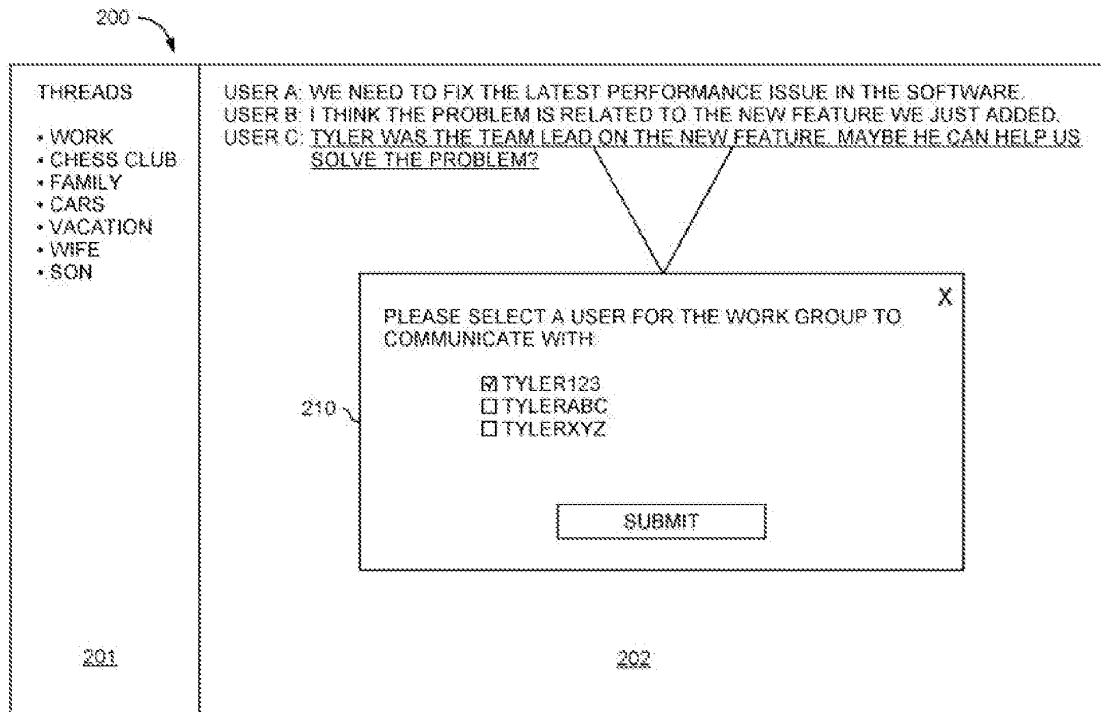


FIG. 2B

After the NEW channel has been opened, USERS A,B and C can communicate with each other in ORIGINAL CHANNEL 202, but they also have the option to communicate with TYLER123 in NEW Channel 220. This step is illustrated in Chen FIG. 2C:

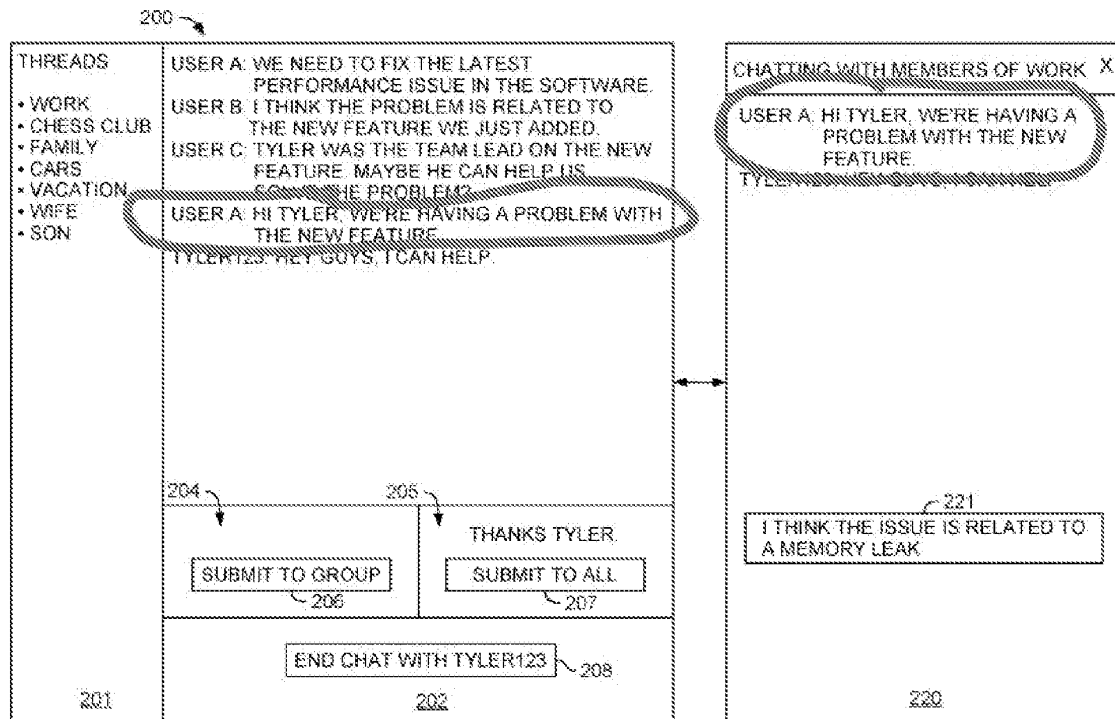


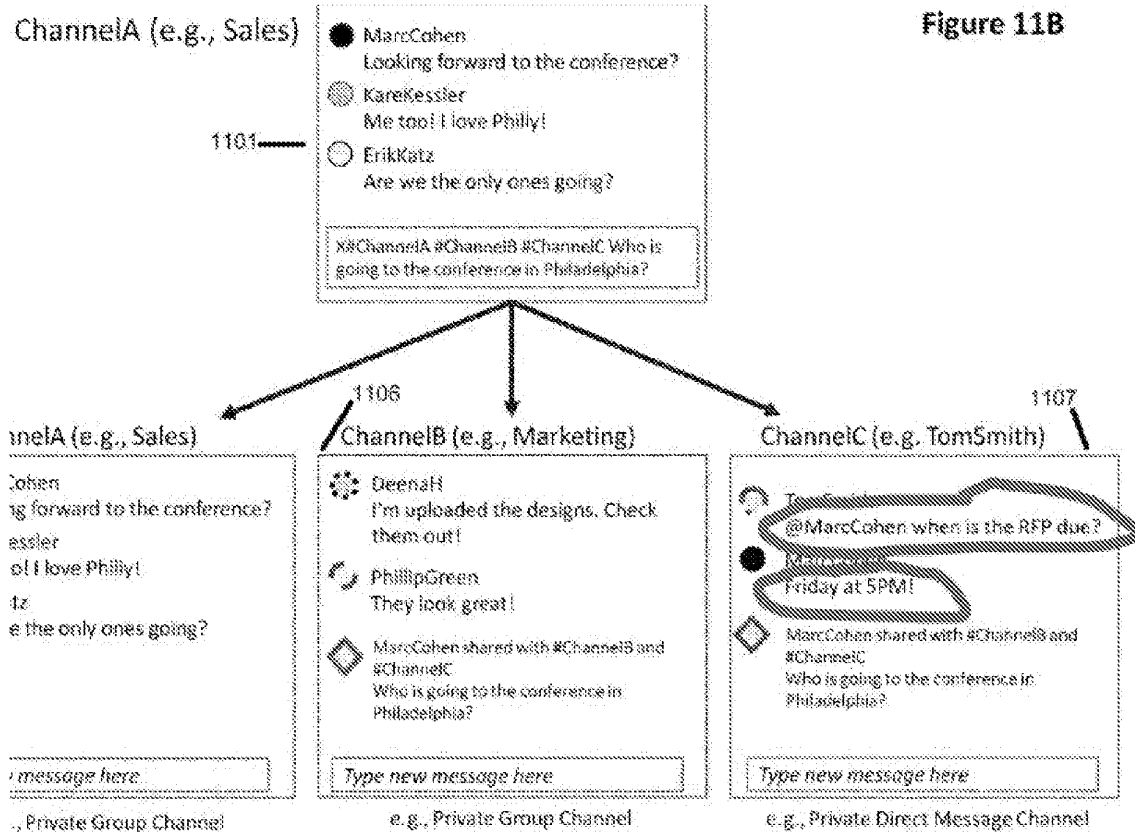
FIG. 2C

The above figure illustrates that the NEW CHANNEL 220 has as its initial message a message that also appears in ORIGINAL CHANNEL 202. The message that appears in both channels is circled (above). Also, every message that appears in Chen's NEW CHANNEL 220 also appears in ORIGINAL CHANNEL 202.

Applicant's invention as recited by claim 1 includes a feature that is neither disclosed nor suggested by the art of record, namely:

... wherein at least one of said messages that appears in said second channel is excluded from appearing in said first channel.

The above feature is illustrated, for example, in Applicant's FIG. 11B as originally filed. Note how in FIG. 11B, messages are included in Channel C ("@MarcCohen when is the RFP due?" "Friday at 5PM") but those messages are excluded from Channel A:



By comparison, note how EVERY message that appears in Chen's NEW CHANNEL 220 also appears in Chen's ORIGINAL CHANNEL 202 (See Chen FIG. 2D):

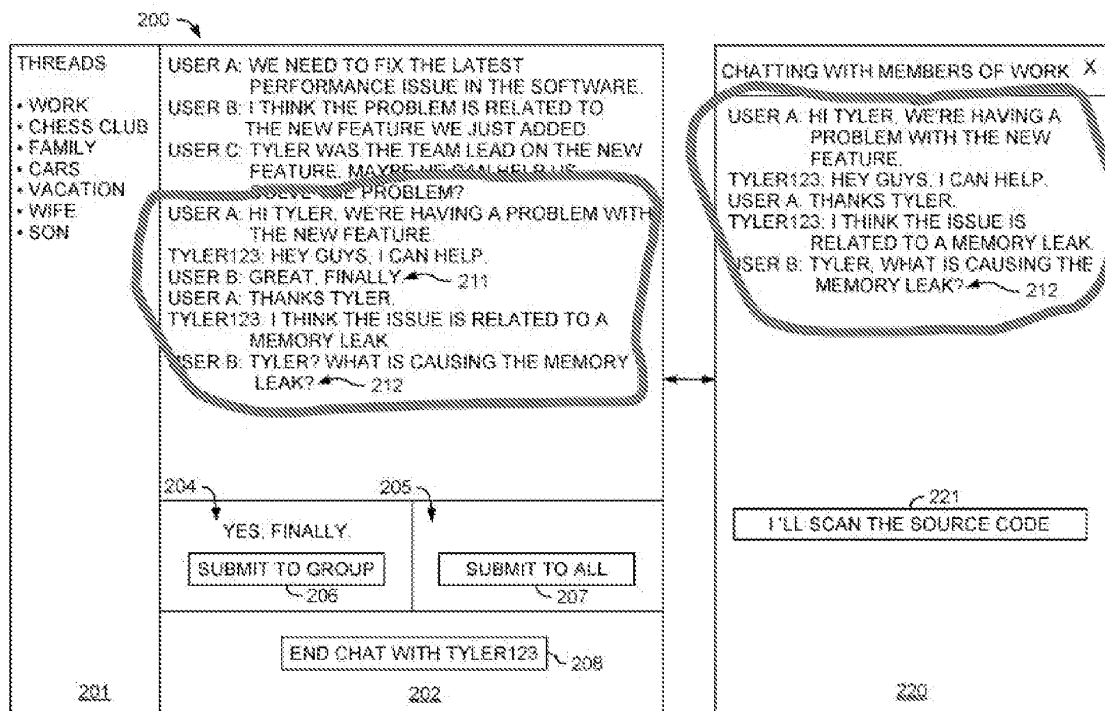


FIG. 2D

Applicant's claimed invention allows features and flexibility that Chen is unable to accomplish. That is because Applicant may desire to achieve different objectives than are achieved by Chen. In Applicant's examples, Applicant sends messages in an environment where different messaging channels exist concurrently. For example, Applicant's FIG. 11B illustrates a Sales channel (Channel A) and a Market channel (Channel B). Each channel may have common members or each channel may have different members. Applicant's invention allows messages to be shared among channels regardless of WHEN they were created and regardless of channel members. By contrast, Chen discloses a messaging system in which a NEW channel is created that includes ALL members of the ORIGINAL channel as well as an additional member that is designated when the NEW channel is created.

It is because Applicant includes the feature of “...messages that appears in said second channel is excluded from appearing in said first channel” that Applicant is able to share messages with a second channel that is not a superset of a first channel. To clarify, Chen’s NEW channel is limited to the participants of his ORIGINAL plus additional participants. Applicants by contrast are able to share messages with a second channel without always requiring all the participants of a first channel are present.

The rejection of Applicant’s claim 1 is based on the combination of Chen and Blair (US 2014/0096033). Blair was cited against Applicant’s claim 1 solely in response to Applicant’s claimed “indicating” feature (i.e., indicating that a message has been shared in multiple channels). Thus, Blair does not make up for the deficiencies of Chen with regard to the above quoted feature of claim 1. Accordingly, claim 1 is patentable over the art of record.

Furthermore, the “indicating” feature disclosed in Blair is different than Applicant’s claimed indicating feature. The outstanding Office Action argues that Blair item 40 is Applicant’s claimed “indicating” feature, but Applicant respectfully disagrees. Applicant’s claimed language is “indicating ... that said first of said messages was transmitted in more than one of said channels...” First, Blair provides no information regarding channels in which messages are shared; Blair only discloses recipients of messages:

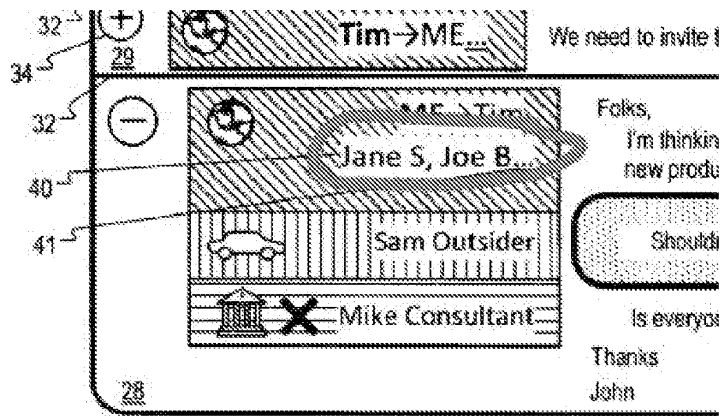


FIG. 5

Message “channels” and message “recipients” are not the same thing. Second, Applicant claims indicating transmission of a message “in more than one of said channels.” Blair is silent regarding whether a message is transmitted in “one” channel or in “more than one” channel. As Applicant’s claimed “indicating” feature is lacking from Blair, Applicant’s claim 1 is patentable over the art of record for this additional reason.

Claim 19, while not identical to claim 1, is patentable over the art of record for reasons similar to those set forth above with regard to claim 1.

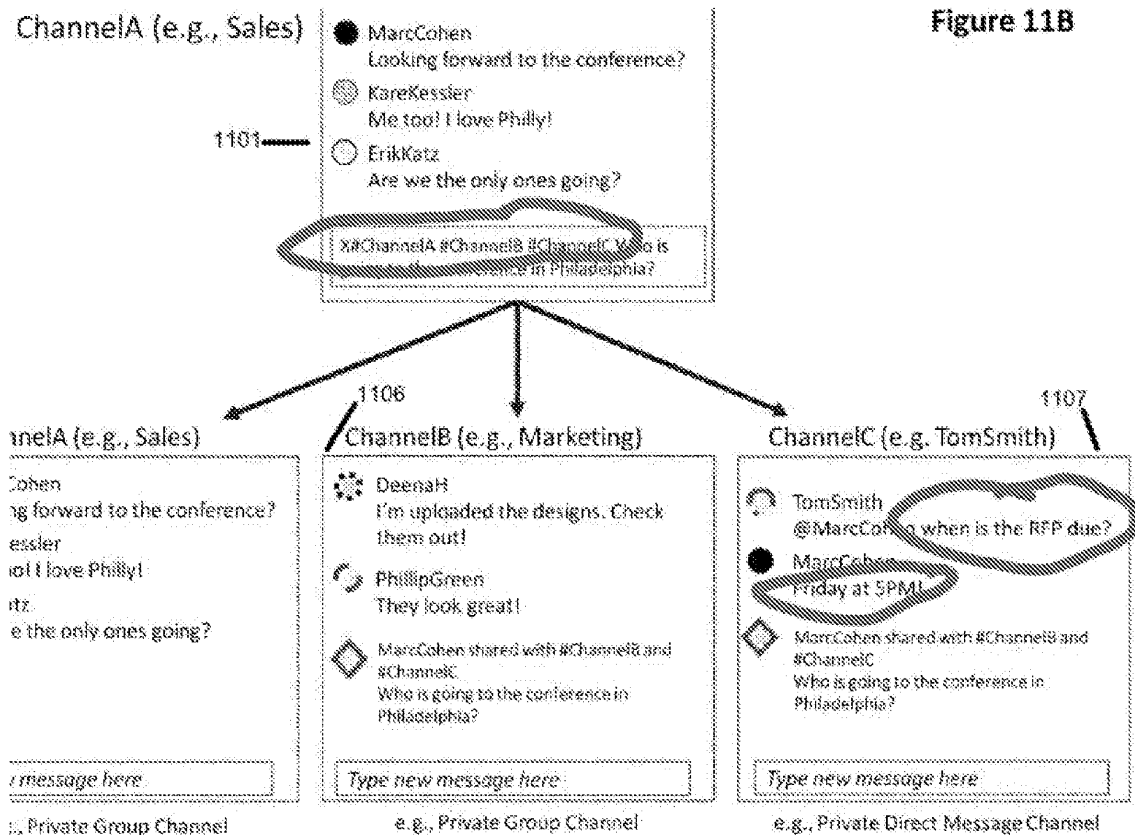
The remaining claims are patentable by virtue of their dependency on either allowable claim 1 or allowable claim 19.

Claims 50 and 51 are newly added. Claims 50 and 51 recite:

... wherein when said designation is received in step b) for an initial occurrence in time of a plurality of chronologically different times that said designation is received, messages have already been exchanged in said second channel.

This feature is supported by Applicant’s originally filed application in FIG. 11B in which a designation is received in Channel A (“X#ChannelA #ChannelB #ChannelC”), the designation

is to share a message in Channels A, B and C, and when the designation has been received, messages have already been exchanged in ChannelC (“...when is the RFP due?” “Friday at 5PM!”):

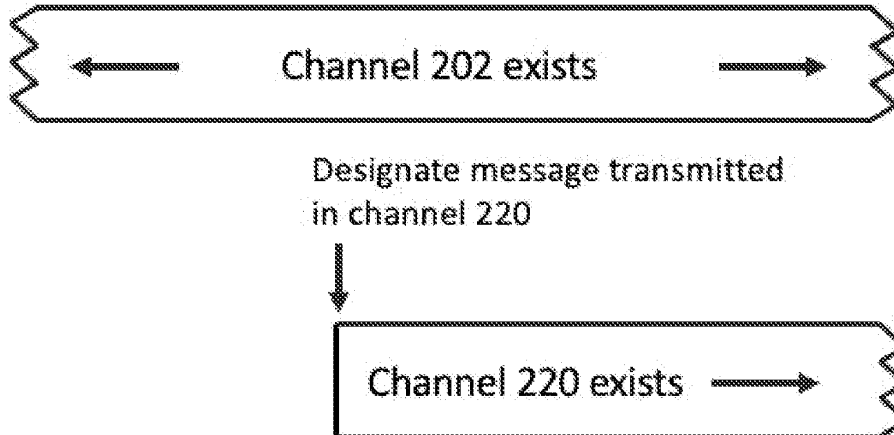


By contrast, in Chen, when the initial designation in chronological time appears, no messages exist in the newly created channel (again see Chen FIG. 2C). Applicant is thus able to share messages in a channel with preexisting activity, a feature that is neither disclosed nor suggested by Chen.

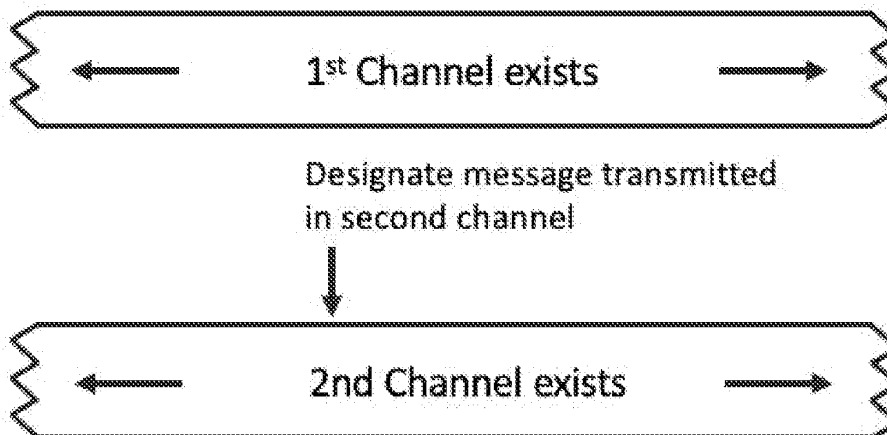
It may be helpful to further explain the above feature via a visual aid that illustrates the above difference between Chen and Applicant’s claims 50 and 51. Specifically, in Chen, prior to designating his second channel, his second channel DOES NOT YET exist. By contrast, in

Applicant's claims 50 and 51, when Applicant designates Applicant's second channel, Applicant's second channel ALREADY exists:

Chen



Applicant



Again, Chen lacks Applicant's claimed feature of when the designation is received, "messages have already been exchanged in said second channel". For this reason, claims 50 and 51 are patentable over the art of record.

Claims 52 and 53 are newly added. Claim 52 and 53 recite:

prior to receiving said designation, said second channel exists, and ones of said messages that are transmitted in said first channel while said second channel exists are prohibited from appearing in said second channel, and after receiving said designation and based on said designation, said apparatus transitions from i) said ones of said messages transmitted in said first channel while said second channel exists being prohibited from appearing in said second channel to ii) others of said messages transmitted in said first channel while said second channel exists being permitted to appear in said second channel and are received by said third of said participants in said second channel.

The above feature is again disclosed in Applicant's FIG. 11B. Note in FIG. 11B how prior to receiving the designation "X#ChannelA #ChannelB #ChannelC" messages in ChannelA do not appear in ChannelC, and how after receiving the above designation, messages in ChannelA DO appear in ChannelC

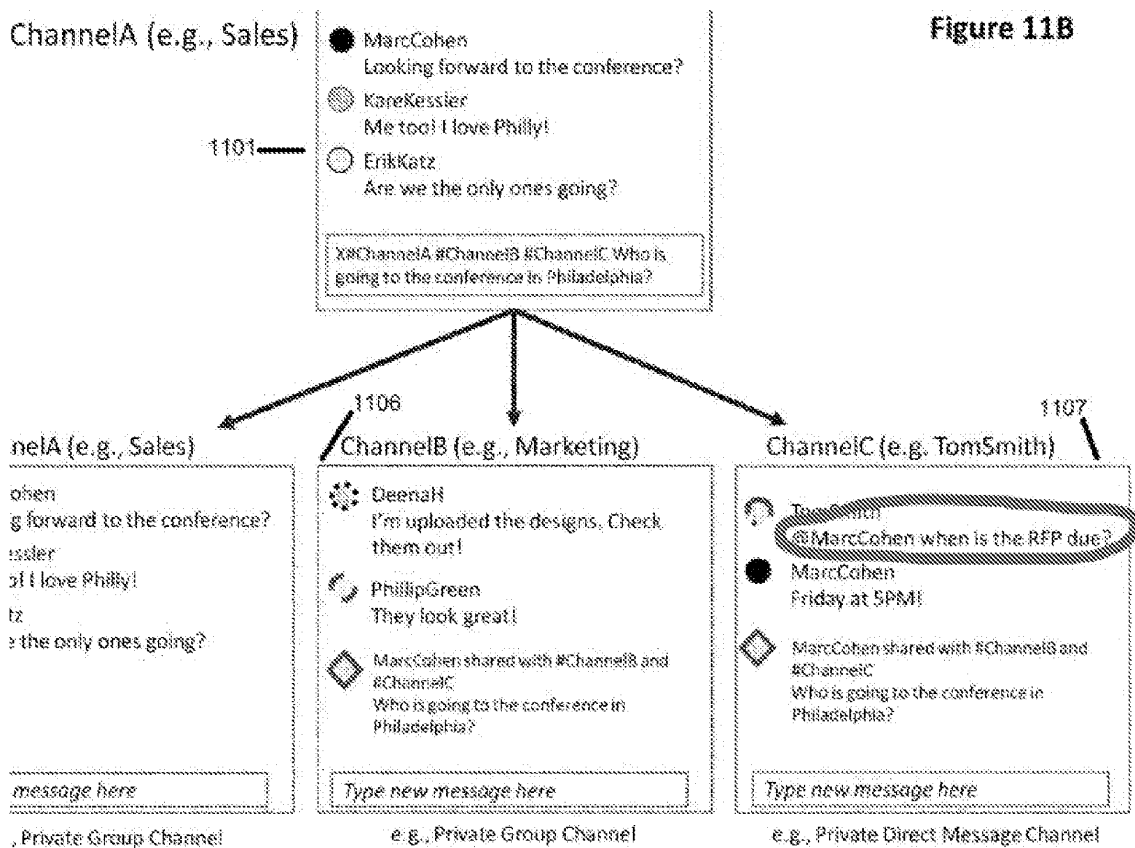
The above feature is in contrast with Chen, in which Chen's FIG. 2B illustrates a request to share messages in a second channel, but BEFORE that request is received, Chen's second channel DOES NOT exist. Applicant's claims 52 and 53 specifically recite that the second channel exists before the designation to share with the second channel is received. Furthermore, clicking on Chen's button 207 is not Applicant's claimed "designation" because there are occurrences in

Chen in which button 207 has been clicked (“THANKS TYLER”), but messages included in channel 202 have previously been shared with channel 220 (i.e., Applicant’s claims recite that messages are not shared with the second channel prior to designation, and are shared based on the designation). Applicant’s claims again refer to messages being shared with a channel that existed prior to designating that messages are to be shared with that channel. The distinction illustrated in the above visual with regard to claims 50 and 51 applies to claims 52 and 53 as well. Accordingly, claims 52 and 53 are patentable over the art of record.

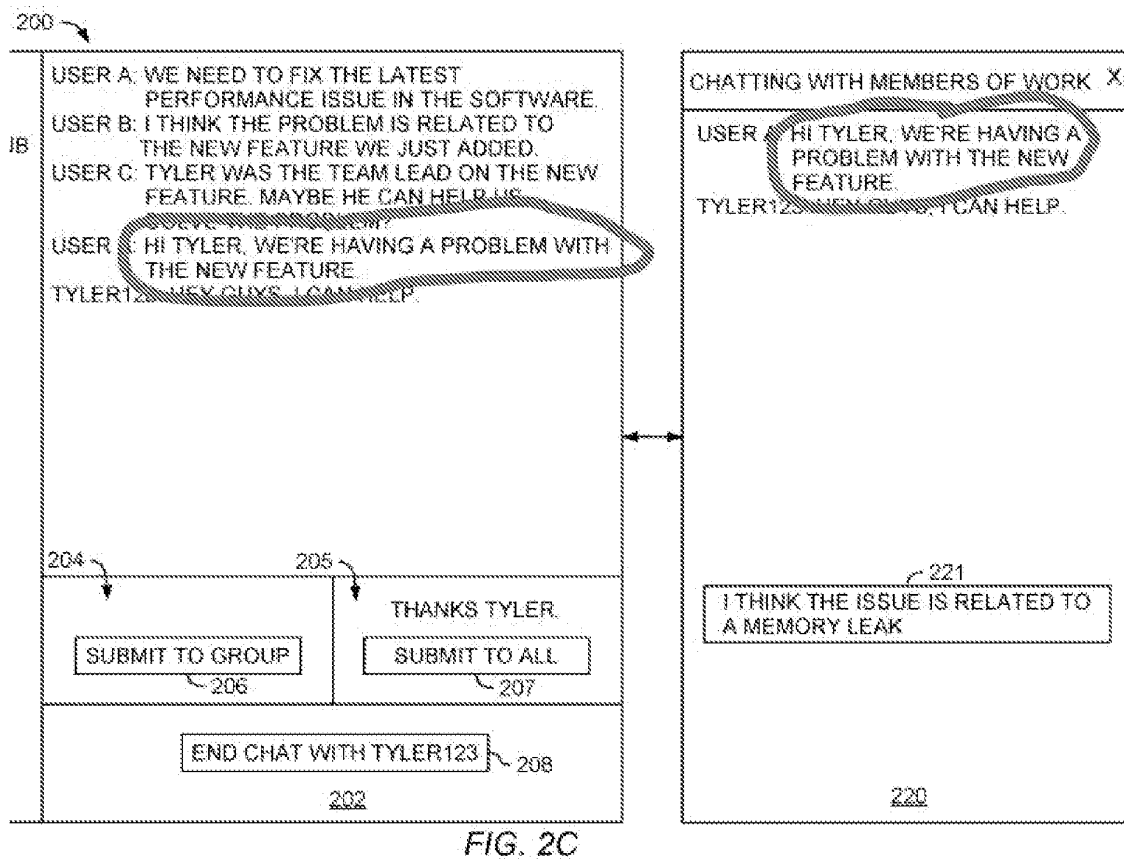
Claims 54 and 55 are newly added. Claims 54 and 55 recite:

...a chronologically initial message that is in said second channel is not transmitted by said first user in both said first channel and said second channel.

This feature is again supported by Applicant’s FIG. 11B in which the initial message in Channel C (“...when is the RFP due?”) is not transmitted by MarcCohen in both ChannelA and ChannelC.



This feature again enables Applicant to transmit a message in a channel with preexisting messaging, a feature that Chen cannot achieve. Applicant's claimed feature again is in contrast with Chen FIG. 2C in which the initial message in NEW channel 220 ("HI TYLER, WE'RE HAVING A PROBLEM WITH THE NEW FEATURE.") is transmitted by USER A in both ORIGINAL channel 202 and NEW channel 220.



Thus, claims 54 and 55 are patentable over the art of record.

Application Serial No. 16/014,578
Response to Office Action of December 10, 2021
Attorney Docket No. W1186/20011

CONCLUSION

For at least the reasons set forth above, Applicant respectfully submits that the above-identified application is in condition for allowance. Favorable reconsideration and prompt allowance are earnestly solicited.

Should the Examiner believe that anything further is desirable in order to place the application in even better condition for allowance, the Examiner is invited to contact Applicant's undersigned attorney at the telephone number listed below to expedite prosecution of the application.

Respectfully submitted,
CAESAR RIVISE, PC

February 21, 2022

By /Michael J. Cornelison/
Michael J. Cornelison
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Attorneys for Applicant

Please charge or credit our Account No. 03-0075 as necessary to effect entry and/or ensure consideration of this submission.

Electronic Acknowledgement Receipt	
EFS ID:	45043488
Application Number:	16014578
International Application Number:	
Confirmation Number:	7094
Title of Invention:	PARALLEL MESSAGING APPARATUS AND METHOD THEREOF
First Named Inventor/Applicant Name:	Marc A. Cohen
Customer Number:	3000
Filer:	Michael Cornelison/Robin Wilson
Filer Authorized By:	Michael Cornelison
Attorney Docket Number:	W1186/20011
Receipt Date:	21-FEB-2022
Filing Date:	21-JUN-2018
Time Stamp:	13:06:13
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no
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File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		W118620011_Amendment.pdf	762281	yes	26
			1a8616f909c698bc9dc589efa9e5dc89566702f4		

Multipart Description/PDF files in .zip description			
Document Description		Start	End
Amendment/Request for Reconsideration-After Non-Final Rejection		1	1
Claims		2	11
Applicant Arguments/Remarks Made in an Amendment		12	26

Warnings:

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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.

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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.

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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.



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CAESAR RIVISE, PC
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Philadelphia, PA 19103-2212

EXAMINER

DOSHI, AKSHAY

ART UNIT

PAPER NUMBER

2423

DATE MAILED: 06/02/2022

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
16/014,578	06/21/2018	Marc A. Cohen	W1186/20011	7094

TITLE OF INVENTION: PARALLEL MESSAGING APPARATUS AND METHOD THEREOF

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	SMALL	\$600	\$0.00	\$0.00	\$600	09/02/2022

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.

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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 1/2 the amount of undiscounted fees, and micro entity fees are 1/2 the amount of small entity 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.

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3000 7590 06/02/2022
CAESAR RIVISE, PC
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Philadelphia, PA 19103-2212

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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.
16/014,578	06/21/2018	Marc A. Cohen	W1186/20011	7094

TITLE OF INVENTION: PARALLEL MESSAGING APPARATUS AND METHOD THEREOF

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	SMALL	\$600	\$0.00	\$0.00	\$600	09/02/2022

EXAMINER	ART UNIT	CLASS-SUBCLASS
DOSHI, AKSHAY	2423	709-206000

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) ☐ Advance Order - # of Copies _____

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

☐ Electronic Payment via 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

☐ Applicant asserting small entity status. See 37 CFR 1.27

☐ Applicant changing to regular undiscounted fee status.

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.

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.

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. _____



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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
16/014,578	06/21/2018	Marc A. Cohen	W1186/20011	7094
3000	7590	06/02/2022	EXAMINER	
CAESAR RIVISE, PC 7 Penn Center, 12th Floor 1635 Market Street Philadelphia, PA 19103-2212			DOSHI, AKSHAY	
			ART UNIT	PAPER NUMBER
			2423	
DATE MAILED: 06/02/2022				

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.

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.

Notice of Allowability	Application No. 16/014,578	Applicant(s) Cohen, Marc A.	
	Examiner AKSHAY DOSHI	Art Unit 2423	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 2/21/2022.
☐ 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 1,6,9-10,12,14,16,19,22-41,43-45 and 52-55. 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 _____. 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 _____.
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/A.D/ Examiner, Art Unit 2423	/BENJAMIN R BRUCKART/ Supervisory Patent Examiner, Art Unit 2423
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Notice of Pre-AIA or AIA Status

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

EXAMINER'S AMENDMENT

2. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Michael J. Cornelison (Reg. No. 40,395) on 5/26/2022.

The application has been amended based on the amendment filed on 5/26/2022 as follows:

1. (Currently Amended) Apparatus for providing display of exchanged messages, said apparatus comprising:

a memory for storing said messages; and

at least one processor for:

a) providing display of said messages, wherein said messages are exchanged between a plurality of participants, said messages are exchanged within channels, said channels include a first channel with a first message stream and a second channel with a second message stream, wherein text to be included in a first of said messages is received into a text entry bar from a first of said participants a) while in said first channel, and b) after said second channel has been created, wherein a second of said participants is allowed to communicate in said first channel, and a third of said participants is allowed to communicate in said second channel;

b) receiving a designation from said first of said participants, prior to said first of said messages being transmitted in said first channel and after said second channel has been created, that said first of said messages is to be transmitted in said second channel;

c) transmitting said first of said messages i) in said first message stream in said first channel; and ii) in said second message stream in said second channel after receiving and based on said designation so that said first of said messages appears in said first message stream and said second message stream;

d) after transmitting said first of said messages in said first channel and said second channel, indicating in at least one of said first channel or said second channel that said first of said messages was transmitted in more than one of said channels; and

e) allowing said second of said participants while in said first channel and said third of said participants while in said second channel to reply to said first of said messages,

wherein at least one of said messages that appears in said second channel is excluded from appearing in said first channel, ~~and~~

wherein at least one of a) said second of said participants is not included in said second channel; or b) said third of said participants is not included in said first channel, when said first of said messages is transmitted, and

wherein when said designation is received in step b) for an initial occurrence in time of a plurality of chronologically different times that said designation is received, messages have already been exchanged in said second channel.

2. (Cancelled).
3. (Cancelled).
4. (Cancelled).
5. (Cancelled).
6. (Previously Presented) Apparatus according to claim 1, wherein said second of said participants receives said first of said messages and replies with a response that is visible to only said first of said participants and said second of said participants.

7. (Cancelled).
8. (Cancelled).

9. (Previously Presented) Apparatus according to claim 1, wherein replying to said first of said message is initiated through physical interaction with a display that is displaying said first of said messages.

10. (Previously Presented) Apparatus according to claim 1, wherein said second of said participants replies with a first response, a fourth of said participants replies to said first of said messages in said first channel with a second response, and wherein said first response and said second response are displayed in a manner so that said first response and said second response are grouped together in said first channel.

11. (Cancelled).

12. (Previously Presented) Apparatus according to claim 1, wherein said designation is performed by said first of said participants inserting one or more characters in said first of said messages to indicate that said first of said messages is to be sent to said first channel and to said second channel.

13. (Cancelled).

14. (Previously Presented) Apparatus according to claim 1, wherein when said second of said participants replies with a third response, said third response is visible to not all but less than all of said plurality of participants that participate in said first channel.

15. (Cancelled).

16. (Previously Presented) Apparatus according to claim 1, wherein said first of said participants indicates with physical action that said first of said messages is to be transmitted to ones of said channels that includes said first channel and said second channel.

17. (Cancelled).

18. (Cancelled).

19. (Currently Amended) A method of providing display of exchanged messages, said method comprising the steps of:

a) providing display of said messages, wherein said messages are exchanged between a plurality of participants, said messages are exchanged within channels, said channels include a first channel with a first message stream and a second channel with a second message stream, wherein text to be included in a first of said messages is received into a text entry bar from a first of said participants a) while in said first channel, and b) after said second channel has been created, wherein a second of said participants is allowed to communicate in said first channel, and a third of said participants is allowed to communicate in said second channel;

b) receiving a designation from said first of said participants, prior to said first of said messages being transmitted in said first channel and after said second channel has been created, that said first of said messages is to be transmitted in said second channel;

c) transmitting said first of said messages i) in said first message stream in said first channel; and ii) in said second message stream in said second channel after receiving and based on said designation so that said first of said messages appears in said first message stream and said second message stream;

d) after transmitting said first of said messages in said first channel and said second channel, indicating in at least one of said first channel or said second channel that said first of said messages was transmitted in more than one of said channels; and

e) allowing said second of said participants while in said first channel and said third of said participants while in said second channel to reply to said first of said messages,

wherein at least one of said messages that appears in said second channel is excluded from appearing in said first channel, ~~and~~

wherein at least one of a) said second of said participants is not included in said second channel; or b) said third of said participants is not included in said first channel, when said first of said messages is transmitted, and

wherein when said designation is received in step b) for an initial occurrence in time of a plurality of chronologically different times that said designation is received, messages have already been exchanged in said second channel.

20. (Cancelled).

21. (Cancelled).

22. (Previously Presented) Apparatus according to claim 1, wherein responsive to physical interaction with a screen providing said display of said messages, said first channel and said second channel are identified as having transmitted therein said first of said messages and said second of said messages.

23. (Previously Presented) Apparatus according to claim 1, wherein when said second of said participants replies with a third response to said first of said messages in said first channel, said third response is also transmitted in said second channel.

24. (Previously Presented) Apparatus according to claim 1, wherein
said second of said participants replies in said first channel with a first response,

said third of said participants replies in said second channel with a second response,

said first response is visible in said first channel and is prevented from being displayed in said second channel;

said second response is visible in said second channel and is prevented from being displayed in said first channel.

25. (Previously Presented) Apparatus according to claim 1, wherein at least one of said third of said participants is specified by said first of said participants as being authorized to receive said first of said messages; or a fourth participant included in said second channel that is not authorized to receive said first of said messages is prevented from viewing said first of said messages.

26. (Previously Presented) Apparatus according to claim 1, wherein said first of said messages is transmitted in said first channel by default.

27. (Previously Presented) Apparatus according to claim 1, wherein said first of said messages is transmitted in said first channel after said first of said participants selects said first channel for transmitting said first of said messages.

28. (Previously Presented) Apparatus according to claim 1, wherein all but said first of said participants is prevented from receiving said first of said message in said first channel.

29. (Previously Presented) Apparatus according to claim 1, wherein receiving said designation includes identifying said second channel as being where said first of said messages is to be transmitted.

30. (Previously Presented) Apparatus according to claim 1, wherein said indication is provided in said first channel and said second channel.

31. (Previously Presented) A method according to claim 19, wherein said second of said participants receives said first of said messages and replies with a response that is visible to only said first of said participants and said second of said participants.

32. (Previously Presented) A method according to claim 19, wherein replying to said first of said message is initiated through physical interaction with a display that is displaying said first of said messages.

33. (Previously Presented) A method according to claim 19, wherein said second of said participants replies with a first response, a fourth of said participants replies to said first of said messages in said first channel with a second response, and wherein said first response and said second response are displayed in a manner so that said first response and said second response are grouped together in said first channel.

34. (Previously Presented) A method according to claim 19, wherein said designation is performed by said first of said participants inserting one or more characters in said first of said messages to indicate that said first of said messages is to be sent to said first channel and to said second channel.

35. (Previously Presented) A method according to claim 19, wherein when said second of said participants replies with a third response, said third response is visible to not all but less than all of said plurality of participants that participate in said first channel.

36. (Previously Presented) A method according to claim 19, wherein said first of said participants indicates with physical action that said first of said messages is to be

transmitted to ones of said channels that includes said first channel and said second channel.

37. (Previously Presented) A method according to claim 19, wherein said first of said participants is authorized to participate in said first channel and said second channel as a condition of transmitting said first of said messages in said first channel and said second channel.

38. (Previously Presented) A method according to claim 19, wherein responsive to physical interaction with a screen providing said display of said messages, said first channel and said second channel are identified as having transmitted therein said first of said messages and said second of said messages.

39. (Previously Presented) A method according to claim 19, wherein when said second of said participants replies with a third response to said first of said messages in said first channel, said third response is also transmitted in said second channel.

40. (Previously Presented) A method according to claim 19, wherein:
said second of said participants replies in said first channel with a first response,
said third of said participants replies in said second channel with a second response,

said first response is visible in said first channel and is prevented from being displayed in said second channel;

said second response is visible in said second channel and is prevented from being displayed in said first channel.

41. (Previously Presented) A method according to claim 19, wherein at least one of said third of said participants is specified by said first of said participants as being

authorized to receive said first of said messages; or a fourth participant included in said second channel that is not authorized to receive said first of said messages is prevented from viewing said first of said messages.

42. (Cancelled).

43. (Previously Presented) A method according to claim 19, wherein said first of said messages is transmitted in said first channel after said first of said participants selects said first channel for transmitting said first of said messages.

44. (Previously Presented) A method according to claim 19, wherein all but said first of said participants is prevented from receiving said first of said message in said first channel.

45. (Previously Presented) A method according to claim 19, wherein receiving said designation includes identifying said second channel as being where said first of said messages is to be transmitted.

46. (Cancelled).

47. (Cancelled).

48. (Cancelled).

49. (Cancelled).

50. (Cancelled).

51. (Cancelled).

52. (Previously Presented) Apparatus according to claim 1, wherein prior to receiving said designation, said second channel exists, and ones of said messages that are transmitted in said first channel while said second channel exists are prohibited from appearing in said second channel, and after receiving said designation and based on said

designation, said apparatus transitions from i) said ones of said messages that are transmitted in said first channel while said second channel exists being prohibited from appearing in said second channel to ii) others of said messages transmitted in said first channel while said second channel exists being permitted to appear in said second channel and are received by said third of said participants in said second channel.

53. (Previously Presented) A method according to claim 19, wherein prior to receiving said designation, said second channel exists, and ones of said messages that are transmitted in said first channel while said second channel exists are prohibited from appearing in said second channel and after receiving said designation and based on said designation, said apparatus transitions from i) said ones of said messages that are transmitted in said first channel while said second channel exists being prohibited from appearing in said second channel to ii) others of said messages transmitted in said first channel while said second channel exists being permitted to appear in said second channel and are received by said third of said participants in said second channel.

54. (Previously Presented) Apparatus according to claim 1, wherein a chronologically initial message that is in said second channel is not transmitted by said first user in both said first channel and said second channel.

55. (Previously Presented) A method according to claim 19, wherein a chronologically initial message that is in said second channel is not transmitted by said first user in both said first channel and said second channel.

Allowable Subject Matter

3. Claims 1, 6, 9-10, 12, 14, 16, 19, 22-41, 43-45 and 52-55 are allowed.

Reasons for Allowance

4. In interpreting the claim(s), in light of the specification filed on 6/21/2018, the examiner finds the claimed invention to be patentably distinct from the prior art(s) of record.

The following is an examiner's statement of reason(s) for allowance:

The independent claims 1 and 19 contains combined sequence of steps for providing display for exchanged messages, these claimed sequence of steps includes various different combination of features such as, displaying messages exchanged between participants within first channels and second channels that includes first message streams and second message stream, at least one of the participant of the first channel is not included in the second channel or one of the participant of the second channel is not included in first channel, message text is received via text entry bar from the participants while in the first channel and after the second channel has been created, a designation is received at the initial time from participant of the first channel that the message is also to be transmitted in the second channel, before the message is transmitted in first channel and after the second channel has been created with messages having already been exchanged in the second channel, based on received designation the message is transmitted in and appears in the message

streams of both the first channel and the second channel, after the transmitting of message in the first channel and second channel, indicating in one of the channel that message was transmitted in more than one the channels, allowing participants of the first channel and participants of the second channel to reply to the messages, excluding some of the messages that appears in second channel from appearing in the first channel, these various different features creates unusual combination, no prior art discloses or renders obvious the combination of features of the invention recited in claims 1 and 19, in network environment.

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."

Correspondence Information

Any inquiry concerning this communication or earlier communications from the examiner should be directed to AKSHAY DOSHI whose telephone number is (571)272-2736. The examiner can normally be reached M-F 9:30 AM to 6:00 PM.

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, Benjamin Bruckart can be reached on (571)272-3982. 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.

/A.D/
Examiner, Art Unit 2423

/BENJAMIN R BRUCKART/
Supervisory Patent Examiner, Art Unit 2423

<i>Examiner-Initiated Interview Summary</i>	Application No. 16/014,578	Applicant(s) Cohen, Marc A.		
	Examiner AKSHAY DOSHI	Art Unit 2423	AIA (First Inventor to File) Status Yes	Page 1 of 1

All Participants (applicant, applicants representative, PTO personnel)	Title	Type
AKSHAY DOSHI	Examiner	Telephonic
Benjamin Bruckart	Primary Examiner	
Michael J. Cornelison (Reg. No. 40,395)	Attorney	

Date of Interview: 26 May 2022

Issues Discussed:

Proposed Amendment(s)

The examiner contacted applicant's representative Michael J. Cornelison (Reg. No. 40,395) to discuss proposed examiner's amendment to make the case in condition for allowance. The examiner proposed to roll up the limitations of claim 50 and 51 in to respective independent claims 1 and 19 to make the case in condition for allowance. Agreement was reached, the examiner will issue the allowance.

/A.D/ Examiner, Art Unit 2423	/BENJAMIN R BRUCKART/ Supervisory Patent Examiner, Art Unit 2423
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.

<i>Index of Claims</i> 	Application/Control No. 16/014,578	Applicant(s)/Patent Under Reexamination Cohen, Marc A.
	Examiner AKSHAY DOSHI	Art Unit 2423

✓	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	01/16/2021	06/05/2021	12/03/2021	05/26/2022				
1	1	✓	✓	✓	=				
	2	✓	-	-	-				
	3	✓	-	-	-				
	4	✓	-	-	-				
	5	✓	-	-	-				
2	6	✓	✓	✓	=				
	7	✓	-	-	-				
	8	✓	-	-	-				
3	9	✓	✓	✓	=				
4	10	✓	✓	✓	=				
	11	✓	-	-	-				
5	12	✓	✓	✓	=				
	13	✓	-	-	-				
6	14	✓	✓	✓	=				
	15	✓	-	-	-				
7	16	✓	✓	✓	=				
	17	✓	-	-	-				
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30	41		✓	✓	=				
	42		✓	✓	-				

<i>Index of Claims</i> 	Application/Control No. 16/014,578	Applicant(s)/Patent Under Reexamination Cohen, Marc A.
	Examiner AKSHAY DOSHI	Art Unit 2423

CLAIM		DATE									
Final	Original	01/16/2021	06/05/2021	12/03/2021	05/26/2022						
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18	54				=						
35	55				=						

<i>Search Notes</i> 	Application/Control No. 16/014,578	Applicant(s)/Patent Under Reexamination Cohen, Marc A.
	Examiner AKSHAY DOSHI	Art Unit 2423

CPC - Searched*		
Symbol	Date	Examiner
H04L51/046 or H04L51/36 or H04L51/18 or H04L51/16 or H04L51/12 or H04L65/1069	01/16/2021	AD
H04L51/046 or H04L51/36 or H04L51/18 or H04L51/16 or H04L51/12 or H04L65/1069	06/04/2021	AD
H04L51/046 or H04L51/36 or H04L51/18 or H04L51/16 or H04L51/12 or H04L65/1069	12/04/2021	AD
H04L51/046 or H04L51/36 or H04L51/18 or H04L51/16 or H04L51/12 or H04L65/1069	05/26/2022	AD

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.

/A.D/ Examiner, Art Unit 2423	
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<i>Search Notes</i> 	Application/Control No. 16/014,578	Applicant(s)/Patent Under Reexamination Cohen, Marc A.
	Examiner AKSHAY DOSHI	Art Unit 2423

Search Notes		
Search Notes	Date	Examiner
Performed Provisional/Double Patenting search	01/16/2021	AD
Performed inventor name search	01/16/2021	AD
East text search in (US-PGPUB, USPAT, USOCR, FPRS, EPO, JPO , DERWENT, IBM_TDB)	01/16/2021	AD
Consulted with Ben Bruckart for 103 rejection	06/10/2021	AD
Consulted with Patrice Winder for 103 rejection	06/11/2021	AD
Performed inventor name search	06/04/2021	AD
Performed Provisional/Double Patenting search	06/04/2021	AD
East text search in (US-PGPUB, USPAT, USOCR, FPRS, EPO, JPO , DERWENT, IBM_TDB)	06/04/2021	AD
Performed IP.com search	06/04/2021	AD
Performed inventor name search	12/04/2021	AD
Performed Provisional/Double Patenting search	12/04/2021	AD
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Performed IP.com search	05/25/2022	AD
East text search in (US-PGPUB, USPAT, USOCR, FPRS, EPO, JPO , DERWENT, IBM_TDB)	05/26/2022	AD
Performed inventor name search	05/26/2022	AD
Performed Provisional/Double Patenting search	05/26/2022	AD
Consulted with Ben Bruckart for allowable subject matter	05/26/2022	AD

Interference Search			
US Class/CPC Symbol	US Subclass/CPC Group	Date	Examiner
	performed interference search in USPAT and US-PGPUB databases (See search history)	05/26/2022	AD

/A.D/ Examiner, Art Unit 2423	
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Issue Classification 	Application/Control No. 16/014,578	Applicant(s)/Patent Under Reexamination Cohen, Marc A.
	Examiner AKSHAY DOSHI	Art Unit 2423

CPC						
Symbol					Type	Version
H04L	/	51	/	046	F	2013-01-01
H04L	/	51	/	18	I	2013-01-01
H04L	/	65	/	1069	I	2013-01-01
H04L	/	51	/	56	I	2022-05-01
H04L	/	51	/	212	I	2022-05-01
H04L	/	51	/	216	I	2022-05-01

CPC Combination Sets					
Symbol		Type	Set	Ranking	Version
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/ AKSHAY DOSHI/ Examiner, Art Unit 2423 (Assistant Examiner)	26 May 2022 (Date)	Total Claims Allowed: 35	
/ BENJAMIN R BRUCKART/ Supervisory Patent Examiner, Art Unit 2423 (Priamry Examiner)	27 May 2022 (Date)	O.G. Print Claim(s) 1	O.G. Print Figure 11C

U.S. Patent and Trademark Office

Part of Paper No.: 20220524

Issue Classification 	Application/Control No. 16/014,578	Applicant(s)/Patent Under Reexamination Cohen, Marc A.	
	Examiner AKSHAY DOSHI	Art Unit 2423	

INTERNATIONAL CLASSIFICATION			
CLAIMED			
H04L51/046	/	51	/ 046
H04L51/18	/	51	/ 18
H04L65/1069	/	65	/ 1069
H04L51/56	/	51	/ 56
H04L51/212	/	51	/ 212
H04L51/216	/	51	/ 216
NON-CLAIMED			
	/		/

US ORIGINAL CLASSIFICATION	
CLASS	SUBCLASS

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

/AKSHAY DOSHI/ Examiner, Art Unit 2423 (Assistant Examiner)	26 May 2022 (Date)	Total Claims Allowed: 35	
/BENJAMIN R BRUCKART/ Supervisory Patent Examiner, Art Unit 2423 (Primary Examiner)	27 May 2022 (Date)	O.G. Print Claim(s) 1	O.G. Print Figure 11C

Issue Classification 	Application/Control No. 16/014,578	Applicant(s)/Patent Under Reexamination Cohen, Marc A.
	Examiner AKSHAY DOSHI	Art Unit 2423

☐ Claims renumbered in the same order as presented by applicant ☐ CPA ☐ T.D. ☐ R.1.47															
CLAIMS															
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3	9		18	13	27	25	36	33	45	18	54				

/AKSHAY DOSHI/ Examiner, Art Unit 2423 (Assistant Examiner)	26 May 2022 (Date)	Total Claims Allowed: 35	
/BENJAMIN R BRUCKART/ Supervisory Patent Examiner, Art Unit 2423 (Primary Examiner)	27 May 2022 (Date)	O.G. Print Claim(s) 1	O.G. Print Figure 11C

U.S. Patent and Trademark Office

Part of Paper No.: 20220524

PE2E SEARCH - Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	British Equivalents	Time Stamp
L1	3	16/014,578	(USPAT)	OR	ON	ON	2020/12/31 06:32 PM
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L5	8698	16/014,578 and (authorized)".clm"	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/12/31 07:29 PM
L6	8698	16/014,578 and (authorized same message)".clm"	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/12/31 07:29 PM
L7	1	"16014578" and (authorized same message).clm.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/12/31 07:29 PM
L8	2	"16014578" and ((authorized prevent\$4) same message).clm.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/12/31 07:30 PM
L9	5	"16014578" and ((authorized prevent\$4) same message)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/12/31 07:33 PM
L10	2	("20050198584").PN.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/12/31 09:09 PM
L11	98432	((message chat texting) neae5 (window room bar)) with (participants users people receiver senders) with (authorized permitted private public prevented paid guest)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/02 12:14 AM
L12	1866	((message chat texting) near5 (window room bar)) with (participants	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	OR	ON	ON	2021/01/02 12:15 AM

L13	4824	users people receiver senders) with (authorized permitted private public prevented paid guest) ((message chat texting) near5 (instant window room bar)) with (participants users people receiver senders) with (filter\$4 authorized permitted private public prevent\$4 paid guest)	IBM_TDB) (US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/02 12:19 AM
L14	834	(H04L51/046 or H04L51/36 or H04L51/18 or H04L51/16 or H04L51/12 or H04L65/1069).cpc. and L13	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/02 12:19 AM
L15	4651	((message chat texting) near5 (instant window room bar)) with (participants users people) with (filter\$4 authorized permitted private public prevent\$4 paid guest)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/02 12:19 AM
L16	808	(H04L51/046 or H04L51/36 or H04L51/18 or H04L51/16 or H04L51/12 or H04L65/1069).cpc. and L15	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/02 12:32 AM
L17	2526	((message chat texting) near5 (instant window room bar)) with (participants users people receiver senders) with ((authorized permitted private public prevent\$4 paid guest) near5 (message chat texting))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/02 12:33 AM
L18	2261	((message chat texting) near5 (instant window room bar)) near10 (participants users people receiver senders) with ((authorized permitted private public prevent\$4 paid guest) near5 (message chat texting))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/02 12:36 AM

L19	444	(H04L51/046 or H04L51/36 or H04L51/18 or H04L51/16 or H04L51/12 or H04L65/1069).cpc. and L18	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/02 12:37 AM
L20	2177	((message chat texting) near5 (instant window room bar)) near10 (participants users people)) with ((authorized permitted private public prevent\$4 paid guest) near5 (message chat texting))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/02 12:37 AM
L21	1831	((message chat texting) near5 (instant window room bar)) near10 (participants users people)) with ((authorized permitted private prevent\$4) near5 (message chat texting))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/02 12:37 AM
L22	330	((display\$5 present\$4 output\$4) near7(message chat texting) near5 (instant window room bar)) near10 (participants users people)) with ((authorized permitted private prevent\$4) near5 (message chat texting))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/02 12:38 AM
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L24	4	16/014,578 and prevent\$4	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/02 12:46 AM
L25	4	15/858,696 and prevent\$4	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/02 12:47 AM
L26	8	15/858,696	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/02 12:48 AM

L27	7	15/609,663 and prevent\$5	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/02 12:49 AM
L28	143	((display\$5 present\$4 output\$4) near7(message chat texting) near5 (instant window room bar)) near10 (participants users people)) with ((authorized permitted prevent\$4) near5 (participants users people))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/02 12:58 AM
L29	175	((display\$5 present\$4 output\$4) near7(messag\$4 chat\$4 texting) near5 (instant window room bar)) near10 (participants users people)) with ((authorized permitted prevent\$4) near5 (participants users people))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/02 10:33 AM
L30	143	((display\$5 present\$4 output\$4) near7(message chat texting) near5 (instant window room bar)) near10 (participants users people)) with ((authorized permitted prevent\$4) near5 (participants users people))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/02 10:35 AM
L31	32	L29 not L30	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/02 10:35 AM
L32	173	((display\$5 present\$4 output\$4) near7(messag\$4 chat\$4 texting) near5 (instant window room bar)) near10 (participants users people)) with ((authorized permitted prevent\$4 disallowed prohibit\$4 forbidden\$4) near5 ((messag\$4 chat\$4 texting)))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/02 10:42 AM
L33	60	L32 not L29	(US-PGPUB; USPAT;	OR	ON	ON	2021/01/02

L34	179	((((display\$5 present\$4 output\$4) near7(messag\$4 chat\$4 texting) near5 (instant window room bar)) near10 (participants users people)) with ((authorized permitted prevent\$4 disallowed prohibit\$4 forbidden\$4 mut\$4) near5 ((messag\$4 chat\$4 texting))))	USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB) (US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	10:43 AM 2021/01/02 10:52 AM
L35	21	((((display\$5 present\$4 output\$4) near7(messag\$4 chat\$4 texting) near5 (instant window room bar)) near10 (participants users people)) with ((disallowed prohibit\$4 forbidden\$4 mut\$4) near5 ((messag\$4 chat\$4 texting))))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/02 10:52 AM
L36	25	((((display\$5 present\$4 output\$4 show\$4 viewing) near7(messag\$4 chat\$4 texting) near5 (instant window room bar)) near10 (participants users people)) with ((disallowed prohibit\$4 forbidden\$4 mut\$4) near5 ((messag\$4 chat\$4 texting))))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/02 01:57 PM
L37	32	((((display\$5 present\$4 output\$4 show\$4 viewing) near7(messag\$4 chat\$4 texting) near5 (instant window room bar channel))) with ((disallowed prohibit\$4 forbidden\$4 mut\$4) near5 ((messag\$4 chat\$4 texting)) near10 (participants users people))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/02 02:14 PM
L38	32	((((display\$5 present\$4	(US-PGPUB; USPAT;	OR	ON	ON	2021/01/02

		output\$4 show\$4 viewing) near7(messag\$4 chat\$4 texting) near5 (instant window room bar channel))) with ((disallowed prohibit\$4 forbidden\$4 mut\$4) near5 ((messag\$4 chat\$4 texting)) near10 (participants users people memebrs))	USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)				02:14 PM
L40	25	((display\$5 present\$4 output\$4 show\$4 viewing) near7(messag\$4 chat\$4 texting) near5 (instant window room bar)) near10 (participants users people)) with ((disallowed prohibit\$4 forbidden\$4 mut\$4) near5 ((messag\$4 chat\$4 texting)))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/02 02:58 PM
L41	32	((display\$5 present\$4 output\$4 show\$4 viewing) near7(messag\$4 chat\$4 texting) near5 (instant window room bar channel))) with ((disallowed prohibit\$4 forbidden\$4 mut\$4) near5 ((messag\$4 chat\$4 texting)) near10 (participants users people memebrs))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/02 02:58 PM
L42	7	L41 not L40	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/02 02:58 PM
L43	43	((display\$5 present\$4 output\$4 show\$4 viewing) near7(messag\$4 chat\$4 texting) near5 (instant window room bar channel))) and ((disallowed prohibit\$4 forbidden\$4 mut\$4) near5 ((messag\$4 chat\$4 texting)) near10 (all any every) near10 (participants users people memebrs))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/02 03:14 PM

L44	43	((display\$5 present\$4 output\$4 show\$4 viewing) near7(messag\$4 chat\$4 texting) near5 (instant window room bar channel))) and ((disallowed prohibit\$4 forbidden\$4 mut\$4) near5 ((messag\$4 chat\$4 texting)) near10 (all any every each) near10 (participants users people memebrs))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/02 03:14 PM
L45	42	L44 not L41	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/02 03:19 PM
L46	4614	((messag\$5 chat\$3 conversation talk discussion) near5 (channel room group window box interface)) and ((send\$5 transfer\$4 forward\$4) near6 (messag\$5 chat\$3 conversation talk discussion) near8 ((multiple plurality) near5 (group window box interface room channel)))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/02 04:44 PM
L47	172	((display\$5 present\$4 output\$4 show\$4 viewing) near7(messag\$4 chat\$4 texting) near5 (instant window room bar channel))) and ((disallowed prohibit\$4 forbidden\$4 mut\$4 prevent\$5) near5 ((messag\$4 chat\$4 texting)) near10 (all any every each) near10 (participants users people memebrs))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/04 01:25 PM
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L49	171	near5 ((messag\$4 chat\$4 texting)) near10 (participants users people memebrs)) L47 not L48	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/04 01:25 PM
L50	4614	((messag\$5 chat\$3 conversation talk discussion) near5 (channel room group window box interface)) and ((send\$5 transfer\$4 forward\$4) near6 (messag\$5 chat\$3 conversation talk discussion) near8 ((multiple plurality) near5 (group window box interface room channel)))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/04 01:26 PM
L51	172	((display\$5 present\$4 output\$4 show\$4 viewing) near7(messag\$4 chat\$4 texting) near5 (instant window room bar channel))) and ((disallowed prohibit\$4 forbidden\$4 mut\$4 prevent\$5) near5 ((messag\$4 chat\$4 texting)) near10 (all any every each) near10 (participants users people memebrs))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/04 03:50 PM
L52	32	((display\$5 present\$4 output\$4 show\$4 viewing) near7(messag\$4 chat\$4 texting) near5 (instant window room bar channel))) with ((disallowed prohibit\$4 forbidden\$4 mut\$4) near5 ((messag\$4 chat\$4 texting)) near10 (participants users people memebrs))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/04 03:50 PM
L53	171	L51 not L52	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/04 03:50 PM
L54	4614	((messag\$5 chat\$3 conversation talk	(US-PGPUB; USPAT; USOCR; FPRS; EPO;	OR	ON	ON	2021/01/04 03:50 PM

		discussion) near5 (channel room group window box interface)) and ((send\$5 transfer\$4 forward\$4) near6 (messag\$5 chat\$3 conversation talk discussion) near8 ((multiple plurality) near5 (group window box interface room channel)))	JPO; DERWENT; IBM_TDB)				
L55	11	L54 and L53	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/04 03:50 PM
L56	259	((display\$5 present\$4 output\$4 show\$4 viewing) near7(messag\$4 chat\$4 texting) near5 (instant window room bar channel interface))) and ((disallowed prohibit\$4 forbidden\$4 mut\$4 prevent\$5) near5 ((messag\$4 chat\$4 texting)) near10 (all any every each) near10 (participants users people memebrs))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/04 03:55 PM
L57	259	((display\$5 present\$4 output\$4 show\$4 viewing preview\$4) near7(messag\$4 chat\$4 texting) near5 (instant window room bar channel interface))) and ((disallowed prohibit\$4 forbidden\$4 mut\$4 prevent\$5) near5 ((messag\$4 chat\$4 texting)) near10 (all any every each) near10 (participants users people memebrs))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/04 03:55 PM
L58	12	L54 and L57	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/04 03:58 PM
L59	798	((disallowed prohibit\$4 forbidden\$4 mut\$4 prevent\$5) near5 ((messag\$4 chat\$4 texting)) near10 (all any every each) near10	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/04 03:59 PM

L60	14	(participants users people memebrs)) L54 and L59	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/04 04:00 PM
L61	3	L60 not L55	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/04 04:00 PM
L62	16	((send\$5 transfer\$4 forward\$4) near6 (messag\$5 chat\$3 conversation talk discussion) near8 ((multiple plurality) near5 (group window box interface room channel))) and L59	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/04 04:01 PM
L63	16	((send\$5 transfer\$4 forward\$4) near6 (messag\$5 chat\$3 conversation talk discussion) near8 ((multiple plurality two parallel) near5 (group window box interface room channel))) and L59	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/04 04:02 PM
L64	827	((disallowed prohibit\$4 forbidden\$4 mut\$4 prevent\$5) near5 ((messag\$4 chat\$4 texting)) near10 (all any every each entire) near10 (participants users people memebrs))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/04 04:03 PM
L65	19	((send\$5 transfer\$4 forward\$4) near6 (messag\$5 chat\$3 conversation talk discussion) near8 ((multiple plurality two parallel) near5 (group window box interface room channel))) and L64	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/04 04:04 PM
L66	14	L65 and L60	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/04 04:05 PM
L67	5	L65 not L60	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	OR	ON	ON	2021/01/04 04:06 PM

L68	114	((disallowed prohibit\$4 forbidden\$4 mut\$4 prevent\$5) near5 ((messag\$4 chat\$4 texting)) near10 (participants users people memebrs)) and ((send\$5 transfer\$4 forward\$4) near6 (messag\$5 chat\$3 conversation talk discussion) near8 ((multiple plurality two parallel) near5 (group window box interface room channel)))	IBM_TDB) (US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/05 10:35 AM
L69	5	("20050201559" "20100105430").PN.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/05 02:15 PM
L70	165	((disallowed prohibit\$4 forbidden\$4 mut\$4 prevent\$5) near5 ((messag\$4 chat\$4 texting communicat\$5)) near10 (participants users people memebrs)) and ((send\$5 transfer\$4 forward\$4) near6 (messag\$5 chat\$3 conversation talk discussion) near8 ((multiple plurality two parallel) near5 (group window box interface room channel)))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/12 10:50 PM
L71	114	((disallowed prohibit\$4 forbidden\$4 mut\$4 prevent\$5) near5 ((messag\$4 chat\$4 texting)) near10 (participants users people memebrs)) and ((send\$5 transfer\$4 forward\$4) near6 (messag\$5 chat\$3 conversation talk discussion) near8 ((multiple plurality two parallel) near5 (group window box interface room channel)))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/12 10:56 PM
L72	51	L70 not L71	(US-PGPUB; USPAT; USOCR; FPRS; EPO;	OR	ON	ON	2021/01/12 10:56 PM

L73	24	(US-20160261537-\$ or US-20150319203-\$ or US-20150099491-\$ or US-20090177978-\$ or US-20130185363-\$ or US-20090125594-\$ or US-20150256353-\$ or US-20190036854-\$ or US-20180139590-\$ or US-20170373868-\$ or US-20170078858-\$ or US-20160241494-\$ or US-20130268603-\$ or US-20030084167-\$ or US-20140149522-\$ or US-20120240062-\$ or US-20120296987-\$ or US-20100325112-\$ or US-20080263204-\$).did. or (US-9374327-\$ or US-8990329-\$ or US-8103960-\$ or US-8495660-\$ or US-9026601-\$).did.	JPO; DERWENT; IBM_TDB) (US-PGPUB; USPAT)	OR	ON	ON	2021/01/12 11:31 PM
L74	24	(US-20160261537-\$ or US-20150319203-\$ or US-20150099491-\$ or US-20090177978-\$ or US-20130185363-\$ or US-20090125594-\$ or US-20150256353-\$ or US-20190036854-\$ or US-20180139590-\$ or US-20170373868-\$ or US-20170078858-\$ or US-20160241494-\$ or US-20130268603-\$ or US-20030084167-\$ or US-20140149522-\$ or US-20120240062-\$ or US-20120296987-\$ or US-20100325112-\$ or US-20080263204-\$).did. or (US-9374327-\$ or US-8990329-\$ or US-8103960-\$ or US-8495660-\$ or US-9026601-\$).did.	(US-PGPUB; USPAT)	OR	ON	ON	2021/01/12 11:57 PM
L75	22	((disallowed prohibit\$4 forbidden\$4 mut\$4 prevent\$5) near\$5 ((messag\$4 chat\$4 texting))) and L74	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/12 11:58 PM
L76	14	L75 and ((multiple plurality two parallel)	(US-PGPUB; USPAT; USOCR; FPRS; EPO;	OR	ON	ON	2021/01/12 11:58 PM

L77	0	near5 (group window box interface room channel)) (admin\$5 near10 (disallowed prohibit\$4 forbidden\$4 mut\$4 prevent\$5 stop\$5) near5 ((messag\$4 chat\$4 texting)))) and L74	JPO; DERWENT; IBM_TDB) (US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/13 12:18 AM
L78	0	((administrator admin) near10 (disallowed prohibit\$4 forbidden\$4 mut\$4 prevent\$5 stop\$5) near5 ((messag\$4 chat\$4 texting)))) and L74	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/13 12:19 AM
L79	806	((administrator admin) near10 (disallowed prohibit\$4 forbidden\$4 mut\$4 prevent\$5 stop\$5) near5 ((messag\$4 chat\$4 texting))))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/13 12:19 AM
L80	12	L79 and ((send\$5 transfer\$4 forward\$4) near6 (messag\$5 chat\$3 conversation talk discussion) near8 ((multiple plurality two parallel) near5 (group window box interface room channel))))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/13 12:20 AM
L81	13947	((time) near10 (disallowed prohibit\$4 forbidden\$4 mut\$4 prevent\$5 stop\$5) near5 ((messag\$4 chat\$4 texting))))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/13 12:25 AM
L82	14372	((time duration) near10 (disallowed prohibit\$4 forbidden\$4 mut\$4 prevent\$5 stop\$5) near5 ((messag\$4 chat\$4 texting))))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/13 12:25 AM
L83	149	L82 and ((send\$5 transfer\$4 forward\$4) near6 (messag\$5 chat\$3 conversation talk discussion) near8 ((multiple plurality two parallel) near5 (group window box interface room channel))))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/13 12:26 AM
L84	8	(H04L51/046 or	(US-PGPUB; USPAT;	OR	ON	ON	2021/01/13

		H04L51/36 or H04L51/18 or H04L51/16 or H04L51/12 or H04L65/1069).cpc. and L83	USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)				12:27 AM
L85	39	(H04L51/\$ or H04L51/36 or H04L51/18 or H04L51/16 or H04L51/12 or H04L65/1069).cpc. and L83	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/13 12:29 AM
L86	110	L83 not L85	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/13 12:50 AM
L87	171	L82 and ((send\$5 transfer\$4 forward\$4) near6 (messag\$5 chat\$3 conversation talk discussion) near8 ((multiple plurality two parallel simultaneous\$4 concurrent\$4) near5 (group window box interface room channel)))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/13 12:54 AM
L88	43	(H04L51/\$ or H04L51/36 or H04L51/18 or H04L51/16 or H04L51/12 or H04L65/\$).cpc. and L87	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/13 12:56 AM
L89	44	L88 not17	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/13 12:57 AM
L90	4	L88 not L85	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/13 12:57 AM
L91	6554	((send\$5) near6 (text messag\$5 chat\$3 conversation talk discussion) near8 ((multiple plurality two parallel simultaneous\$4 concurrent\$4) near5 (group window box interface room channel)))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/13 01:06 AM
L92	1334	(H04L51/\$ or H04L51/36 or H04L51/18 or	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	OR	ON	ON	2021/01/13 01:09 AM

L93	6488	H04L51/16 or H04L51/12 or H04L65/5).cpc. and L91 ((send\$5) near6 (text messag\$5 chat\$3) near8 ((multiple plurality two parallel simultaneous\$4 concurrent\$4) near5 (group window box interface room channel)))	IBM_TDB) (US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/13 01:09 AM
L94	1146	(H04L51/\$ or H04L51/36 or H04L51/18 or H04L51/16 or H04L51/12 or H04L65/1069).cpc. and L93	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/13 01:11 AM
L95	496	(H04L51/046 or H04L51/36 or H04L51/18 or H04L51/16 or H04L51/12 or H04L65/1069).cpc. and L93	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/13 01:11 AM
L96	314	((send\$5) near6 (text messag\$5 chat\$3) near8 ((multiple plurality two) near10 (parallel simultaneous\$4 concurrent\$4) near5 (group window box interface room channel)))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/13 01:12 AM
L97	41	(H04L51/\$ or H04L51/36 or H04L51/18 or H04L51/16 or H04L51/12 or H04L65/1069).cpc. and L96	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/13 01:13 AM
L98	42	(H04L51/\$ or H04L51/36 or H04L51/18 or H04L51/16 or H04L51/12 or H04L65/5).cpc. and L96	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/13 01:13 AM
L99	5	((text messag\$5 chat\$3) near8 (hash) near9 ((multiple plurality two) near10 (parallel simultaneous\$4 concurrent\$4) near5 (group window box interface room	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/13 01:26 AM

L100	57	channel))) ((text messag\$5 chat\$3) near8 (hash) near9 ((multiple plurality two) near10 (parallel simultaneous\$4 concurrent\$4)))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/13 01:28 AM
L101	259	((text messag\$5 chat\$3) near8 (hash) near9 (parallel simultaneous\$4 concurrent\$4)))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/13 01:32 AM
L102	5	(H04L51/\$ or H04L51/36 or H04L51/18 or H04L51/16 or H04L51/12 or H04L65/\$).cpc. and L101	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/13 01:32 AM
L103	54	((messag\$5 chat\$3 conversation talk discussion) near5 (channel room group window box interface)) and L101	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/13 01:33 AM
L104	54	((messag\$5 chat\$3 conversation talk discussion tweet) near5 (channel room group window box interface)) and L101	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/13 01:46 AM
L105	260	((text messag\$5 chat\$3 tweet) near8 (hash) near9 (parallel simultaneous\$4 concurrent\$4)))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/13 01:46 AM
L106	260	((text messag\$5 chat\$3 tweet\$4) near8 (hash) near9 (parallel simultaneous\$4 concurrent\$4)))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/13 01:46 AM
L107	259	((text messag\$5 chat\$3 twit\$4) near8 (hash) near9 (parallel simultaneous\$4 concurrent\$4)))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/13 01:47 AM
L108	1	((reply\$4) near8 (hash) near9 (parallel simultaneous\$4 concurrent\$4)))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/13 01:48 AM
L109	44	((repl\$4) near8 (hash) near9 (parallel simultaneous\$4 concurrent\$4)))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/13 01:48 AM

L110	1886	(shar\$5 near6 (text messag\$5 chat\$3 twit\$4) near8 (parallel simultaneous\$4 concurrent\$4))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/13 01:49 AM
L111	1182	((messag\$5 chat\$3 conversation talk discussion tweet) near5 (channel room group window box interface)) and L110	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/13 01:50 AM
L112	1182	((messag\$5 chat\$3 conversation talk discussion twit\$5) near5 (channel room group window box interface)) and L110	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/13 01:50 AM
L113	168	(H04L51/\$ or H04L51/36 or H04L51/18 or H04L51/16 or H04L51/12 or H04L65/\$).cpc. and L112	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/13 01:51 AM
L114	257	((display\$5 present\$4 output\$4 show\$4 viewing) near7(messag\$4 chat\$4 texting) near5 (instant window room bar channel interface))) and L112	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/13 01:51 AM
L115	42	(H04L51/046 or H04L51/36 or H04L51/18 or H04L51/16 or H04L51/12 or H04L65/1069).cpc. and L114	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/13 01:52 AM
L116	6	"14037470"	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/13 09:18 PM
L117	11	(hash near3 tag) near5 (message) near10 (plurality multiple) near4 (recipient group users receiver people person members)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/14 09:09 PM
L118	11	(hash near3 tag) near5 (message) near10 (plurality multiple simultaneous\$3 concurrent\$5 several) near4 (recipient group	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/14 09:14 PM

L119	104	users receiver people person members) (hash) near5 (message) near10 (plurality multiple simultaneous\$3 concurrent\$5 several) near4 (recipient group users receiver people person members)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/14 09:14 PM
L120	23675	(send\$4 transmit\$5) near5 (text message) near10 (plurality multiple simultaneous\$3 concurrent\$5 several) near4 (recipient group users receiver people person members)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/14 09:22 PM
L121	25421	(send\$4 transmit\$5 transfer\$4 forward\$4) near5 (text message) near10 (plurality multiple simultaneous\$3 concurrent\$5 several) near4 (recipient group users receiver people person members)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/14 09:23 PM
L122	22540	(send\$4 transmit\$5 transfer\$4 forward\$4) near5 (text message) near10 ((plurality multiple simultaneous\$3 concurrent\$5 several) near5 (recipient group users receiver people person members))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/14 09:23 PM
L123	2120	((hash tag) near5 (text message)) and L122	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/14 09:24 PM
L124	1616	((message chat texting) near5 (group instant window room interface)) and L123	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/14 09:26 PM
L125	1616	((message chat\$4 texting) near5 (group instant window room interface)) and L123	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/14 09:26 PM
L126	852	(send\$4 transmit\$5 transfer\$4 forward\$4) near5 (text message) near10 ((plurality multiple several) near5 (recipient group users receiver people person members)) near10	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/14 09:27 PM

L127	55	(simultaneous\$3 concurrent\$5) ((hash tag) near5 (text message)) and L126	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/14 09:28 PM
L128	4	(cc) near5 (text message) near10 ((plurality multiple several) near5 (recipient group users receiver people person members)) near10 (simultaneous\$3 concurrent\$5)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/14 11:11 PM
L129	23	(cc "cc:" copy) near5 (text message) near10 ((plurality multiple several additional) near5 (recipient group users receiver people person members)) near10 (simultaneous\$3 concurrent\$5)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/14 11:12 PM
L130	6	(cc "cc:" copy) near5 (text message) near10 ((plurality multiple several additional) near5 (window session interface group)) near10 (simultaneous\$3 concurrent\$5)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/14 11:23 PM
L131	265	(send\$4 transmit\$5 transfer\$4 forward\$4) near5 (text message) near10 ((plurality multiple several) near5 ((window session interface group))) near10 (simultaneous\$3 concurrent\$5)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/14 11:24 PM
L132	274	(send\$4 transmit\$5 transfer\$4 forward\$4) near5 (text message) near10 ((plurality multiple several additional) near5 ((window session interface group))) near10 (simultaneous\$3 concurrent\$5)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/14 11:25 PM
L133	227	((message chat\$4 texting) near5 (group instant window room interface)) and L132	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/14 11:26 PM

L134	229	((messag\$4 chat\$4 texting) near5 (group instant window interface)) and L132	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/14 11:27 PM
L135	163	((messag\$4 chat\$4 texting) near2 (group instant window interface)) and L132	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/14 11:29 PM
L136	274	(send\$4 transmit\$5 transfer\$4 forward\$4) near5 (text message) near10 ((plurality multiple several additional another) near5 ((window session interface group))) near10 (simultaneous\$3 concurrent\$5)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/14 11:46 PM
L137	25	((hash tag) near5 (text message)) and L136	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/14 11:49 PM
L138	1152	(send\$4 transmit\$5 transfer\$4 forward\$4) near5 (text message) near10 ((simultaneous\$3 concurrent\$5) near5 ((window session interface group)))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/14 11:50 PM
L139	56	((hash tag) near5 (text message)) and L138	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/14 11:51 PM
L140	343	(cc "cc:" copy) near5 (text message) near10 ((plurality multiple several additional) near5 (window session interface group channel))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/14 11:58 PM
L141	204	((messag\$4 chat\$4 texting) near2 (group instant window interface)) and L140	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/14 11:58 PM
L142	38	(H04L51/046 or H04L51/36 or H04L51/18 or H04L51/16 or H04L51/12 or H04L65/1069).cpc. and L141	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/01/14 11:59 PM
L143	21	(send\$4 transmit\$5 transfer\$4 forward\$4) near5 (text message)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	OR	ON	ON	2021/01/15 01:29 PM

		near10 ((plurality multiple several additional another) near5 ((window session interface group user receipient))) near6 ((including adding attaching) near3 (tag character symbole name ID idetentifier hash))	IBM_TDB)				
L144	7	("20120240062 "20140208402 "20150088998").PN.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/03/14 05:32 PM
L145	7	(send\$3 transmit\$5 transfer\$3 forward\$3 sent) near5 (text message) near10 ((simultaneous\$3 parallel concurrent\$4) near5 ((window session interface group user recipient))) with ((including adding attaching) near3 (tag character symbol name ID identifier hash))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/03/14 10:30 PM
L146	5792	(send\$3 transmit\$5 transfer\$3 forward\$3 sent) near5 (text message) near10 ((simultaneous\$3 parallel concurrent\$4) near10 ((window session interface group user recipient)))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/03/14 10:34 PM
L147	2622	(send\$3 transmit\$5 transfer\$3 forward\$3 sent) near5 (text message) near10 ((simultaneous\$3 parallel concurrent\$4) near10 ((window session interface group)))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/03/14 10:58 PM
L148	31	(text message) near10 ((simultaneous\$3 parallel concurrent\$4) near5 ((window session interface group user recipient))) with ((including adding attaching) near3 (tag character symbol name ID identifier hash))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/03/14 10:59 PM

L149	400	"9961030" "10135767" "20180013707" "20180219821" "20040168055" "7739508" "20140025751" "7131003" "20190075064" "8898235" ("20070050624" "9648052" "20160219093" "7657597" "20180302357" "20040064512" "20130036302" "9071597" "9141823" "20100223470" "8625602" "20110296041" "20080089344" "8301892" "20150339788" "20140304505" "20140059240" "9077742" "10313135" "20060173959" "20180270072" "20210067328" "20170041254" "20030217096" "20040078596" "8204992" "7983240" "7945783" "20040064568" "10757574" "20170078104" "9985790" "9509681" "20150264042" "7206934" "9935979" "20150350251" "9160569" "20040064693" "20120297004" "20180241707" "9231894" "10681202" "9467406" "8166118" "20160094496" "20030023850" "20040255137" "20150326514" "20200120176" "8281372" "20180309801" "10623451" "20150327030" "20030163697" "20180241705"	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/03/14 11:09 PM
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		"10582036" "7127613" "8631078" "20080125096" "8850219" "20140012733" "9313627" "8190123" "20180309745" "20160164859" "20110291803" "20150350895" "20120324547" "9226147" "8549591" "20090247118" "20180241871" "8406792" "10778831" "20210021649" "8739272" "9413785" "8135845" "10594821" "20100023625" "10033725" "20110283110" "20140250492" "10742641" "20140032681" "20060206566" "20180338008" "10200274" "8812589" "20020122543" "7734695" "10484482" "20160380937" "7653938" "10757006" "20200099675" "20190281465" "8185733" "10721198" "20170374044" "20110264733" "20110029898" "6009173" "20120297322").pn.					
L150	5	L149 and L147	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/03/14 11:10 PM
L151	5792	(send\$3 transmit\$5 transfer\$3 forward\$3 sent) near5 (text message) near10 ((simultaneous\$3 parallel concurrent\$4) near10 ((window session interface group user recipient)))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/03/14 11:10 PM
L152	11	L149 and L151	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/03/14 11:10 PM
L153	20	(send\$3 transmit\$5	(US-PGPUB; USPAT;	OR	ON	ON	2021/03/14

		transfer\$3 forward\$3 sent) near5 (text message) near10 ((simultaneous\$3 parallel concurrent\$4)) and L149	USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)				11:13 PM
L154	9	L153 not L152	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/03/14 11:13 PM
L155	602	(H04L51/\$ or H04L51/36 or H04L51/18 or H04L51/16 or H04L51/12 or H04L65/\$).cpc. and L147	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/03/14 11:14 PM
L156	193	(H04L51/046 or H04L51/36 or H04L51/18 or H04L51/16 or H04L51/12 or H04L65/1069).cpc. and L147	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/03/14 11:14 PM
L157	1	"10009300".pn.	(USPAT)	OR	ON	ON	2021/03/14 11:18 PM
L158	32	(US-20160261537-\$ or US-20150319203-\$ or US-20150099491-\$ or US-20090177978-\$ or US-20130185363-\$ or US-20090125594-\$ or US-20150256353-\$ or US-20190036854-\$ or US-20180139590-\$ or US-20170373868-\$ or US-20170078858-\$ or US-20160241494-\$ or US-20130268603-\$ or US-20030084167-\$ or US-20140149522-\$ or US-20120240062-\$ or US-20120296987-\$ or US-20100325112-\$ or US-20080263204-\$ or US-20090059922-\$ or US-20180239753-\$ or US-20160253315-\$ or US-20130097260-\$ or US-20140096033-\$).did. or (US-9374327-\$ or US-8990329-\$ or US-8103960-\$ or US-8495660-\$ or US-9026601-\$ or US-10848445-\$ or US-	(US-PGPUB; USPAT)	OR	ON	ON	2021/04/19 02:43 PM

L159	7	10193844-\$ or US-10878478-\$).did. (send\$3 transmit\$5 transfer\$3 forward\$3 sent) near5 (text message) near10 ((simultaneous\$3 parallel concurrent\$4)) and L158	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/04/19 02:43 PM
L160	2	(LEE near3 Kee-Young).in. and message	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/04/20 11:07 AM
L161	155	(send\$3 transmit\$5 transfer\$3 forward\$3 sent) near5 (text message) near10 ((simultaneous\$3 parallel concurrent\$4)) with tag\$4	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/04/20 11:13 AM
L162	8	16/014,578	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/04/20 11:14 AM
L163	1095	"9882846" "20170272390" "10009300" "20170134316" "9712466" "20210044551" "20190238489" "10547575" "20160127282" "10805247" "20160085386" "20190138159" "20160088433" "10185458" "20140237126" "10572098" "20200153768" "20210044550" "10209852" "9225748" "20140066105" "20200099638" "8787888" "10025475" "20180203586" "20160285799" "10516635" "10728192" "20090113315" "10908803" "9152936" "2014055861" "10126927" "2904740" "20140101261" "10908802" "20150295872"	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/04/20 11:23 AM

		"20170026317" "2013122630" "10623345" "10805257" "2815325" "10284718" "20150365364" "9501764" "8140980" "20050034079" "20200120051" "20180007200" "1661024" "20190394147" "2005017674" "1661024" "20170310826" "9661142" "10404636" "3580896" "2018231307" "2016154612" "20150172228" "10880243" "20130055099" "20180367483" "20120117153" "20050027669" "20190281422" "2018132644" "20140101263" ("9509642" "2953321" "20140122628" "10904481" "9935979" "2953321" "20150350251" "2904740" "20090083115" "10423948" "9769313" "9860198" "10645041" "20190297039" "10348658" "20140101262" "20180367484" "10873548" "20120045045" "8583741" "10516636" "9325645" "2013028325" "20120046961" "2014116493" "20120044261" "20120044258" "2011137286" "10439970" "20200014646" "2018231306" "20200228477" "20200059445" "20210075753" "20110202594" "3580712" "7685237"				
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		"20170048174" "9560206" "8819726" "20190268289" "20110270609" "2011137303" "10664529" "20150110261" "20160294742" "20120144416" "20050125544" "9686212" "8898219" "7680895" "20040003041" "2003085539" "1495413" "20130055112" "20190036989" "10164924" "3541025" "20110270933" "2458535" "20200327171" "10523617" "3659327" "20190207897" "2013030829" "20050021445" "20180011848" "20130159432" "10887410" "20130080927" "20180026929" "20200092246" "20200106735" "20130205229" "20160241530" "10313292" "9043212" "10972547" "8626847" "2012051539" "2458540" "20200177651" "2016130466" "10817572" "10108613" "20190075065" "20120331066" "20110252093" "20150032686" "2458536" "2458539" "20190312828" "10728187" "9923982" "2019023596" "10834152" "9544257" "20100241972" "20060080432").pn.					
L164	0	L163 and L161	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/04/20 11:40 AM
L165	4	(H04L51/046 or	(US-PGPUB; USPAT;	OR	ON	ON	2021/04/20

		H04L51/36 or H04L51/18 or H04L51/16 or H04L51/12 or H04L65/1069).cpc. and L161	USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)				11:40 AM
L166	8	(H04L51/046 or H04L51/36 or H04L51/18 or H04L51/16 or H04L51/\$ or H04L65/\$).cpc. and L161	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/04/20 11:41 AM
L167	87	(send\$3 transmit\$5 transfer\$3 forward\$3 sent) near5 (text message) near10 ((simultaneous\$3 parallel concurrent\$4)) with ((attach\$5 associat\$5) near5 (ID destination recipient))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/04/20 11:45 AM
L168	23	(send\$3 transmit\$5 transfer\$3 forward\$3 sent) near5 (text message) near10 ((simultaneous\$3 parallel concurrent\$4)) and L163	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/04/20 12:04 PM
L169	193	(send\$3 transmit\$5 transfer\$3 forward\$3 sent copy) near5 (text message) near10 ((simultaneous\$3 parallel concurrent\$4)) with ((attach\$5 associat\$5) near5 (ID destination recipient channel room session))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/04/20 12:46 PM
L170	87	(send\$3 transmit\$5 transfer\$3 forward\$3 sent) near5 (text message) near10 ((simultaneous\$3 parallel concurrent\$4)) with ((attach\$5 associat\$5) near5 (ID destination recipient))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/04/20 12:49 PM
L171	193	(send\$3 transmit\$5 transfer\$3 forward\$3 sent copy) near5 (text message) near10 ((simultaneous\$3 parallel concurrent\$4)) with ((attach\$5 associat\$5) near5 (ID destination recipient	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/04/20 02:46 PM

L172	87	channel room session)) (send\$3 transmit\$5 transfer\$3 forward\$3 sent) near5 (text message) near10 ((simultaneous\$3 parallel concurrent\$4)) with ((attach\$5 associat\$5) near5 (ID destination recipient))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/04/20 02:46 PM
L173	106	L171 not L172	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/04/20 02:46 PM
L174	11111	(send\$3 transmit\$5 transfer\$3 forward\$3 sent copy cc) near5 (text chat message) near10 ((another second) near3 (room channel session))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/04/20 03:09 PM
L175	11163	(send\$3 transmit\$5 transfer\$3 forward\$3 sent copy cc imultaneous\$3 parallel concurrent\$4) near5 (text chat message) near10 ((another second) near3 (room channel session))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/04/20 03:09 PM
L176	1883	(H04L51/046 or H04L51/36 or H04L51/18 or H04L51/16 or H04L51/\$ or H04L65/\$).cpc. and L175	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/04/20 03:10 PM
L177	926	(H04L51/046 or H04L51/36 or H04L51/18 or H04L51/16 or H04L51/12 or H04L65/1069).cpc. and L176	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/04/20 03:11 PM
L178	11029	(send\$3 transmit\$5 transfer\$3 forward\$3 sent copy cc imultaneous\$3 parallel concurrent\$4) near5 (chat message) near10 ((another second) near3 (room channel session))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/04/20 03:11 PM
L179	11029	(send\$3 transmit\$5 transfer\$3 forward\$3 sent copy cc imultaneous\$3 parallel	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/04/20 03:11 PM

L180	189	concurrent\$4) near5 (chat message) near10 ((another second another) near3 (room channel session)) (copy cc imultaneous\$3 parallel concurrent\$4) near5 (chat message) near10 ((another second) near3 (room channel session))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/04/20 03:12 PM
L181	193	(send\$3 transmit\$5 transfer\$3 forward\$3 sent copy) near5 (text message) near10 ((simultaneous\$3 parallel concurrent\$4)) with ((attach\$5 associat\$5) near5 (ID destination recipient channel room session))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/04/21 09:51 AM
L182	87	(send\$3 transmit\$5 transfer\$3 forward\$3 sent) near5 (text message) near10 ((simultaneous\$3 parallel concurrent\$4)) with ((attach\$5 associat\$5) near5 (ID destination recipient))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/04/21 09:51 AM
L183	106	L181 not L182	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/04/21 09:51 AM
L184	189	(copy cc imultaneous\$3 parallel concurrent\$4) near5 (chat message) near10 ((another second) near3 (room channel session))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/04/21 09:51 AM
L185	189	L184 not L183	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/04/21 09:51 AM
L186	48	(H04L51/046 or H04L51/36 or H04L51/18 or H04L51/16 or H04L51/\$ or H04L65/\$).cpc. and L185	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/04/21 10:01 AM
L187	1325	(copy cc imultaneous\$3 parallel concurrent\$4) near5 (chat message) with (hash\$4 tag\$4)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/04/21 11:50 AM
L188	268	(H04L51/046 or	(US-PGPUB; USPAT;	OR	ON	ON	2021/04/21

L189	1083	H04L51/36 or H04L51/18 or H04L51/16 or H04L51/\$ or H04L65/\$).cpc. and L187 (copy cc imultaneous\$3 parallel concurrent\$4) near5 (chat message) near10 (hash\$4 tag\$4)	USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB) (US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB) (US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	11:51 AM 2021/04/21 11:52 AM
L190	196	(H04L51/046 or H04L51/36 or H04L51/18 or H04L51/16 or H04L51/\$ or H04L65/\$).cpc. and L189	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/04/21 11:52 AM
L191	1095	"9882846" "20170272390" "10009300" "20170134316" "9712466" "20210044551" "20190238489" "10547575" "20160127282" "10805247" "20160085386" "20190138159" "20160088433" "10185458" "20140237126" "10572098" "20200153768" "20210044550" "10209852" "9225748" "20140066105" "20200099638" "8787888" "10025475" "20180203586" "20160285799" "10516635" "10728192" "20090113315" "10908803" "9152936" "2014055861" "10126927" "2904740" "20140101261" "10908802" "20150295872" "20170026317" "2013122630" "10623345" "10805257" "2815325" "10284718" "20150365364" "9501764" "8140980" "20050034079" "20200120051" "20180007200" "1661024"	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/04/21 12:28 PM

		"20190394147" "2005017674" "1661024" "20170310826" "9661142" "10404636" "3580896" "2018231307" "2016154612" "20150172228" "10880243" "20130055099" "20180367483" "20120117153" "20050027669" "20190281422" "2018132644" "20140101263" ("9509642" "2953321" "20140122628" "10904481" "9935979" "2953321" "20150350251" "2904740" "20090083115" "10423948" "9769313" "9860198" "10645041" "20190297039" "10348658" "20140101262" "20180367484" "10873548" "20120045045" "8583741" "10516636" "9325645" "2013028325" "20120046961" "2014116493" "20120044261" "20120044258" "2011137286" "10439970" "20200014646" "2018231306" "20200228477" "20200059445" "20210075753" "20110202594" "3580712" "7685237" "20170048174" "9560206" "8819726" "20190268289" "20110270609" "2011137303" "10664529" "20150110261" "20160294742" "20120144416" "20050125544"				
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		"9686212" "8898219" "7680895" "20040003041" "2003085539" "1495413" "20130055112" "20190036989" "10164924" "3541025" "20110270933" "2458535" "20200327171" "10523617" "3659327" "20190207897" "2013030829" "20050021445" "20180011848" "20130159432" "10887410" "20130080927" "20180026929" "20200092246" "20200106735" "20130205229" "20160241530" "10313292" "9043212" "10972547" "8626847" "2012051539" "2458540" "20200177651" "2016130466" "10817572" "10108613" "20190075065" "20120331066" "20110252093" "20150032686" "2458536" "2458539" "20190312828" "10728187" "9923982" "2019023596" "10834152" "9544257" "20100241972" "20060080432").pn.					
L192	1	L191 and L189	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/04/21 12:28 PM
L193	252	(simultaneous\$3) near5 (chat message) with (hash\$4 tag\$4)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/04/21 12:29 PM
L194	1265	(copy cc simultaneous\$3 parallel concurrent\$4) near5 (chat message) near10 (hash\$4 tag\$4)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/04/21 12:29 PM
L195	1084	(display\$5 show\$4) near6 (confirm\$5	(USPAT)	OR	ON	ON	2021/04/22 03:51 PM

L196	33	indicat\$5) near6 (message) near16 (deliver\$5 reach\$4) (copy cc simultaneous\$3 parallel concurrent\$4) near5 ((chat text) near5 message) near10 (hash\$4 tag\$4)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/05/24 10:33 PM
L197	64	(copy cc simultaneous\$3 parallel concurrent\$4) near5 ((chat text) near5 message) near10 (multiple different several plurality) near5 ((chat\$4 text\$3 conversation) near5 (room window channel))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/05/24 10:38 PM
L198	0	(forward\$5 near5 (simultaneous\$3 parallel concurrent\$4)) near5 ((chat text) near5 message) near10 (multiple different several plurality) near5 ((chat\$4 text\$3 conversation) near5 (room window channel))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/05/24 10:53 PM
L199	10	forward\$5 near5 ((chat text) near5 message) near10 (multiple different several plurality) near5 ((chat\$4 text\$3 conversation) near5 (room window channel))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/05/24 10:54 PM
L200	10	forward\$5 near5 ((chat text) near5 message) near10 (multiple different several plurality) near5 ((chat\$4 text\$3 conversation message) near5 (room window channel))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/05/24 10:54 PM
L201	22	(forward\$5 broadcast\$4) near5 ((chat text) near5 message) near10 (multiple different several plurality) near5 ((chat\$4 text\$3 conversation message) near5 (room window channel))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/05/24 10:55 PM

L202	12	L201 not L200	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/05/24 10:56 PM
L203	242	(forward\$5) near5 (chat text message) near10 (multiple different several plurality) near10 ((chat\$4 text\$3 conversation message) near3 (room window channel))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/05/24 11:09 PM
L204	13	(H04L51/046 or H04L51/36 or H04L51/18 or H04L51/16 or H04L51/12 or H04L65/1069).cpc. and L203	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/05/24 11:10 PM
L205	24	(H04L51/046 or H04L51/36 or H04L51/18 or H04L51/16 or H04L51/\$ or H04L65/1069).cpc. and L203	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/05/24 11:10 PM
L206	25	(H04L51/046 or H04L51/36 or H04L51/18 or H04L51/16 or H04L51/\$ or H04L65/\$).cpc. and L203	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/05/24 11:10 PM
L207	1	(forward\$5) near5 (chat text message) near10 (multiple different several plurality) near10 ((chat\$4 text\$3 conversation message) near3 (room window channel) with (designation hash symbol tag))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/05/24 11:19 PM
L208	42	(forward\$3 send transmitting transmit transmission) near5 (tweet chat text message) near10 (multiple different several plurality) near10 ((chat\$4 text\$3 conversation message) near3 (room window channel) with (designation hash symbol tag))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/05/24 11:23 PM
L209	32	("20130275596" "20150131661" "20110004878	(US-PGPUB; USPAT; USOCR; FPRS; EPO;	OR	ON	ON	2021/05/24 11:41 PM

L210	242	" 9639379 "20160182284 "20180097701 "10230601 "20150163192 "20170199755 "20160105350 "9065725").PN. (forward\$5) near5 (chat text message) near10 (multiple different several plurality) near10 ((chat\$4 text\$3 conversation message) near3 (room window channel))	JPO; DERWENT; IBM_TDB) (US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/05/25 10:30 AM
L211	9	"20140029701"	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/05/25 10:37 AM
L212	3	"20120239621"	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/05/25 10:56 AM
L213	3	"20120177067"	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/05/25 11:00 AM
L214	6	"20120134282"	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/05/25 11:07 AM
L215	3	"20120239621" and audio	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/05/25 12:43 PM
L216	3	"20140029701" and (audio sound)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/05/25 12:44 PM
L217	3	"20120177067" and (sound audio)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/05/25 12:44 PM
L218	1	"20120134282" and (audio sound)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/05/25 12:45 PM
L219	1	"20120134282" and (audio sound) and synchronization	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/05/25 01:19 PM
L220	1	"20120134282" and (audio sound) and (sync sync\$3 synchroniz\$5)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/05/25 01:20 PM

L221	2	"20120177067" and (audio sound) and (sync sync\$3 synchroniz\$5) and (hash signature fingerprint)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/05/25 01:25 PM
L222	2	"20120177067" and (hash signature fingerprint)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/05/25 01:29 PM
L223	3	"20120239621" and (audio sound) and (sync sync\$3 synchroniz\$5) and (hash signature fingerprint)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/05/25 01:51 PM
L227	58	(copy cc shar\$4) near5 (chat) near10 ((multiple different several plurality) near5 ((chat\$4 text\$3 conversation message) near5 (room window channel)))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/05/30 05:43 PM
L228	448	(copy cc shar\$4) near5 (chat text message) near10 ((multiple different several plurality) near5 ((chat\$4 text\$3 conversation message) near5 (room window channel)))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/05/30 05:43 PM
L229	100	L228 and chat	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/05/30 05:43 PM
L230	92	(H04L51/046 or H04L51/36 or H04L51/18 or H04L51/16 or H04L51/\$ or H04L65/\$).cpc. and L228	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/05/30 05:45 PM
L231	35	L229 not L230	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/05/30 05:45 PM
L232	1	(copy cc shar\$4) near5 (chat text message) near10 ((multiple different several plurality) near5 ((chat\$4 text\$3 conversation message) near5 (room window channel))) with ((receiver recipient destination target\$4) near4 (ID identifier identification))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/05/31 12:55 PM

L233	2	(copy cc shar\$4) near5 (chat text message) near10 ((multiple different several plurality) near5 ((chat\$4 text\$3 conversation message) near5 (room window channel))) with ((receiver recipient destination target\$4) near4 (ID identifier identification window room window))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/05/31 12:59 PM
L234	58	(copy cc shar\$4) near5 (chat text message) near10 (multiple different several plurality) near8 ((receiver recipient destination target\$4) near4 (ID identifier identification window room window))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/05/31 01:01 PM
L235	975	(copy cc shar\$4) near5 (chat text message) near10 ((multiple different several plurality) near5 ((chat\$4 text\$3 conversation message discussion) near5 (room window channel session group)) chatroom chat-room)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/05/31 02:14 PM
L236	101	(copy cc shar\$4) near5 (chat text message) near10 ((multiple different several plurality) near5 ((chat\$4 text\$3 conversation message discussion) near5 (room window channel session group)) chatroom chat-room) same ((receiver recipient destination target\$4 room window channel session group) near4 (ID identifier identification name))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/05/31 02:18 PM
L237	58	(copy cc shar\$4) near5 (chat text message) near10 (multiple different several plurality) near8 ((receiver recipient destination target\$4) near4 (ID identifier	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/05/31 03:02 PM

L238	101	identification window room window)) (copy cc shar\$4) near5 (chat text message) near10 ((multiple different several plurality) near5 ((chat\$4 text\$3 conversation message discussion) near5 (room window channel session group)) chatroom chat-room) same ((receiver recipient destination target\$4 room window channel session group) near4 (ID identifier identification name))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/05/31 03:02 PM
L239	58	(copy cc shar\$4) near5 (chat text message) near10 (multiple different several plurality) near8 ((receiver recipient destination target\$4) near4 (ID identifier identification window room window))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/05/31 03:38 PM
L240	101	(copy cc shar\$4) near5 (chat text message) near10 ((multiple different several plurality) near5 ((chat\$4 text\$3 conversation message discussion) near5 (room window channel session group)) chatroom chat-room) same ((receiver recipient destination target\$4 room window channel session group) near4 (ID identifier identification name))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/05/31 03:38 PM
L241	92	L240 not L239	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/05/31 03:38 PM
L242	178	((copy cc shar\$4) near5 (chat text message) near10 (multiple different several plurality)) with ((receiver recipient destination target\$4 room window channel session group)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/05/31 03:56 PM

L243	101	near4 (ID identifier identification name)) (copy cc shar\$4) near5 (chat text message) near10 ((multiple different several plurality) near5 ((chat\$4 text\$3 conversation message discussion) near5 (room window channel session group)) chatroom chat-room) same ((receiver recipient destination target\$4 room window channel session group) near4 (ID identifier identification name))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/05/31 04:27 PM
L244	178	((copy cc shar\$4) near5 (chat text message) near10 (multiple different several plurality)) with ((receiver recipient destination target\$4 room window channel session group) near4 (ID identifier identification name))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/05/31 04:27 PM
L245	101	(copy cc shar\$4) near5 (chat text message) near10 ((multiple different several plurality) near5 ((chat\$4 text\$3 conversation message discussion) near5 (room window channel session group)) chatroom chat-room) same ((receiver recipient destination target\$4 room window channel session group) near4 (ID identifier identification name))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/05/31 05:01 PM
L246	178	((copy cc shar\$4) near5 (chat text message) near10 (multiple different several plurality)) with ((receiver recipient destination target\$4 room window channel session group) near4 (ID identifier identification name))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/05/31 05:01 PM
L247	127	L246 not L245	(US-PGPUB; USPAT; USOCR; FPRS; EPO;	OR	ON	ON	2021/05/31 05:01 PM

L248	25	(H04L51/046 or H04L51/36 or H04L51/18 or H04L51/16 or H04L51/\$ or H04L65/\$).cpc. and L247	JPO; DERWENT; IBM_TDB) (US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/05/31 05:04 PM
L249	47	(US-20160261537-\$ or US-20150319203-\$ or US-20150099491-\$ or US-20090177978-\$ or US-20130185363-\$ or US-20090125594-\$ or US-20150256353-\$ or US-20190036854-\$ or US-20180139590-\$ or US-20170373868-\$ or US-20170078858-\$ or US-20160241494-\$ or US-20130268603-\$ or US-20030084167-\$ or US-20140149522-\$ or US-20120240062-\$ or US-20120296987-\$ or US-20100325112-\$ or US-20080263204-\$ or US-20090059922-\$ or US-20180239753-\$ or US-20160253315-\$ or US-20130097260-\$ or US-20140096033-\$ or US-20160284031-\$ or US-20130073636-\$).did. or (US-20190319900-\$ or US-20180324116-\$ or US-20160337291-\$ or US-20160057093-\$ or US-20150081790-\$ or US-20140040784-\$ or US-20120158878-\$ or US-20070136430-\$ or US-20110281596-\$).did. or (US-9374327-\$ or US-8990329-\$ or US-8103960-\$ or US-8495660-\$ or US-9026601-\$ or US-10848445-\$ or US-10193844-\$ or US-10878478-\$ or US-10659243-\$ or US-9621500-\$ or US-9667769-\$ or US-10122662-\$).did.	(US-PGPUB; USPAT)	OR	ON	ON	2021/05/31 05:09 PM
L250	5	L249 and ((copy cc	(US-PGPUB; USPAT;	OR	ON	ON	2021/05/31

		shar\$4 forward\$5 send\$4 transmit\$4) near5 (chat text message) near10 (multiple different several plurality)) with ((receiver recipient destination target\$4 room window channel session group) near4 (ID identifier identification name))	USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)				05:09 PM
L251	1	(copy cc shar\$4) near5 (IM) near10 ((multiple different several plurality) near5 ((chat\$4 text\$3 conversation message) near5 (room window channel)))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/05/31 05:10 PM
L252	5	(copy cc shar\$4) near5 (IM) near10 ((multiple different several plurality) near5 ((chat\$4 text\$3 conversation message discussion) near5 (room window channel)) chatroom chat-room)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/05/31 05:11 PM
L253	9	L249 and (copy cc shar\$4) near5 (chat text message) near10 ((multiple different several plurality) near5 ((chat\$4 text\$3 conversation message) near5 (room window channel)))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/05/31 05:14 PM
L254	8	"15810399"	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/05/31 05:20 PM
L255	0	"10594502".pn. and (display\$4 near5 chat near5 room)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/05/31 05:23 PM
L256	1	"10594502".pn. and ((display\$4 present\$4) near5 room)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/05/31 05:23 PM
L257	11	L249 and twitter	(US-PGPUB; USPAT)	OR	ON	ON	2021/05/31 05:26 PM
L258	0	L249 and ((copy cc shar\$4 forward\$5 send\$4 transmit\$4) near5 (chat text	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/05/31 05:42 PM

L259	0	message) near10 (multiple different several plurality)) with (hashtag "1"\$hashtag) L249 and ((copy cc shar\$4 forward\$5 send\$4 transmit\$4) near5 (chat text message) near10 (multiple different several plurality)) with (hashtag \$1hashtag)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/05/31 05:43 PM
L260	7	((copy cc shar\$4 forward\$5 send\$4 transmit\$4) near5 (chat text message) near10 (multiple different several plurality)) with (hashtag "1"\$hashtag)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/05/31 05:44 PM
L261	0	((copy cc shar\$4) near5 (chat text message) near10 (multiple different several plurality)) with ((receiver recipient destination target\$4 room window channel session group) near4 (hashtag \$1hashtag))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/05/31 05:44 PM
L262	0	((copy cc shar\$4) near5 (chat text message) near10 ((multiple different several plurality)) near5 (receiver recipient destination target\$4 room window channel session group)) with (hashtag \$1hashtag)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/05/31 05:45 PM
L263	1	((copy cc shar\$4 forward\$5 send\$4 transmit\$4) near10 (chat text message) near10 ((multiple different several plurality)) near5 (receiver recipient destination target\$4 room window channel session group)) with (hashtag \$1hashtag)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/05/31 05:47 PM
L264	0	(copy cc shar\$4 forward\$5 send\$4 transmit\$4) near10 (chat text message) near10 ((multiple	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/05/31 05:47 PM

L265	96	different several plurality) near5 (receiver recipient destination target\$4 room window channel session group)) with (hashtag \$1hashtag) (copy cc shar\$4 forward\$5 send\$4 transmit\$4) near10 (chat text message) with (receiver recipient destination target\$4 room window channel session group) with (hashtag \$1hashtag)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/05/31 05:49 PM
L266	6	"20080075428"	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/05/31 10:21 PM
L277	464	("10594502" "10999089" "10616156" "9253306" "20110209069" "20110047246" "20110110364" "8755372" "8909693" "20090019367" "20200294636" "20200279626" "10672508" "20180198692" "20100217837" "20150074259" "20150347683" "8543665" "20160277261" "9569587" "10403394" "20040230659" "20200176095" "20160330200" "20170344703" "20200013492" "20160165184" "20140025766" "9402054" "20130007150" "8861537" "9462036" "20050038876" "20080063159" "20110202594" "9015297" "20040030750" "20120311060" "8959030" "9043212" "8250150" "20050198299"	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/06/03 11:30 AM

		"20110202439" "20080086564" "8856236" "20110202347" "8924217" "9489658" "8316128" "20040003041" "8898219" "20150110261" "20110209195" "20050198125" "10382475" "8880401" "8434128" "20110209196" "6909708" "20080313265" "10701206" "20170054665" "5867494" "8607325" "8094647" "8289951" "20080095339" "7869425" "20080049919" "8572269" "20090109959" "7145898" "5999525" "8706835" "20030185232" "20020064149" "10530598" "8194646" "20110225293" "20020122391" "20090213844" "7761526" "20080049914" "20070294336" "20080056462" "7849205" "10015169" "20050249196" "20110209194" "9215236" "20150172228" "7466810" "20110209193" "20030187641" "6335927" "20180007081" "20080049910" "20130315227" "6754181" "8027335" "20140267571" "8498290" "9369673" "20080056476" "6731625" "20130097333" "20180004375" "8578039" "9154735" "20180367506"				
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		"20140313282" "20160226823" "7856471" "20160105641" "20200228363" "20170041296" "20190222560" "8832187" "10764254" "10033702" "20030120593" "20100296641" "20130159443" "20170085712" "8832301" "20190087707" "5867495" "9525849" "20030078972" "8396490" "20130282421" "20110072367" "9800726" "20130144951" "20140343994" "20150254679" "20170054846" "20140279276" "20160088155" "20140317532" "9210266" "20150142906" "20020143876" "20110251868" "7957991" "8560366" "20170331957" "20030187800" "20170142076" "20150310188" "9762553" "9613190" "20140358632" "20060178918" "20160227040" "8954349" "8396489" "20140351586" "7299257" "8842841" "20140164776" "9922345" "20130156167" "8032409" "20120089410" "20080089506" "20110055309" "9338027" "9781385" "7092370" "8693377" "9819800" "20140126715" "20150063557" "20150269617" "20160165051"				
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L278	46	"20020057678" "20170063768" "9986099" "20040064351" "7987491" "20180198745" "8223955").pn. L277 and ((delivery transmission) near5 (receipt confirming confirm confirmation validat\$5))	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/03 11:35 AM
L279	25	L277 and (group\$5 near5 (messages conversation chat talk) near9 (participants users))	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/03 11:45 AM
L280	0	L277 and (grouping near5 (messages conversation chat talk) near9 (participants users))	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/03 11:47 AM
L281	0	L277 and ((grouping separating) near5 (messages conversation chat talk) near9 (participants users))	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/03 11:48 AM
L282	1290	((grouping separating) near5 (messages conversation chat talk) near9 (participants users))	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/03 11:48 AM
L283	1519	((grouping separating) near5 (messages conversation chat talk) near9 (participants users))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/06/03 11:48 AM
L284	0	((grouping separating) near5 (messages conversation chat talk) near9 (each near2 (participants users)))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/06/03 11:48 AM
L285	1	((grouping separating) near5 (messages conversation chat talk) near9 ((each every) near2 (participants users)))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/06/03 11:49 AM
L286	14	((grouping separate\$3 segregate\$3 isolate\$4) near5 (messages conversation chat talk) near9 ((each every) near2 (participants	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/06/03 11:50 AM

L287	6	users))) "20110078628"	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/06/03 12:13 PM
L288	1	((cross across) near2 (copy cc shar\$4 exchang\$4) near5 (chat text message IM) near10 (multiple different several plurality)) with ((receiver recipient destination target\$4 room window channel session group) near4 (ID identifier identification name))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/06/03 05:04 PM
L289	0	((cross across) near2 (copy cc shar\$4 exchang\$4 transmission) near5 (chat text message IM) near10 (multiple different several plurality) near5 (room window channel)) with ((receiver recipient destination target\$4 room window channel session group) near4 (ID identifier identification name))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/06/03 05:15 PM
L290	0	((cross across) near2 (copy cc shar\$4 exchang\$4 transmission) near5 (chat text message IM) near10 (multiple different several plurality) near5 (room window channel)) with ((receiver recipient destination target\$4 room window channel session group) near4 (hashtag ID identifier identification name))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/06/03 08:58 PM
L291	30	((cross across) near2 (copy cc shar\$4 exchang\$4 transmission) near5 (chat text message IM) near10 (multiple different several plurality) near5 (room window channel))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/06/03 08:59 PM

L292	113	((cross across) near2 (copy cc shar\$4 exchang\$4 relation interaction communication transmission transfer\$4) near5 (chat text message IM) near10 (multiple different several plurality) near5 (room window channel))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/06/03 09:03 PM
L293	29	(H04L51/046 or H04L51/36 or H04L51/18 or H04L51/16 or H04L51/\$ or H04L65/\$ H04L61/\$ H04L69/\$ H04L12/\$ H04L51/046 H04L51/046).cpc. and L292	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/06/03 09:05 PM
L294	464	("10594502" "10999089" "10616156" "9253306" "20110209069" "20110047246" "20110110364" "8755372" "8909693" "20090019367" "20200294636" "20200279626" "10672508" "20180198692" "20100217837" "20150074259" "20150347683" "8543665" "20160277261" "9569587" "10403394" "20040230659" "20200176095" "20160330200" "20170344703" "20200013492" "20160165184" "20140025766" "9402054" "20130007150" "8861537" "9462036" "20050038876" "20080063159" "20110202594" "9015297" "20040030750" "20120311060" "8959030" "9043212" "8250150" "20050198299"	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/06/03 11:54 PM

		"20110202439" "20080086564" "8856236" "20110202347" "8924217" "9489658" "8316128" "20040003041" "8898219" "20150110261" "20110209195" "20050198125" "10382475" "8880401" "8434128" "20110209196" "6909708" "20080313265" "10701206" "20170054665" "5867494" "8607325" "8094647" "8289951" "20080095339" "7869425" "20080049919" "8572269" "20090109959" "7145898" "5999525" "8706835" "20030185232" "20020064149" "10530598" "8194646" "20110225293" "20020122391" "20090213844" "7761526" "20080049914" "20070294336" "20080056462" "7849205" "10015169" "20050249196" "20110209194" "9215236" "20150172228" "7466810" "20110209193" "20030187641" "6335927" "20180007081" "20080049910" "20130315227" "6754181" "8027335" "20140267571" "8498290" "9369673" "20080056476" "6731625" "20130097333" "20180004375" "8578039" "9154735" "20180367506"				
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		"20140313282" "20160226823" "7856471" "20160105641" "20200228363" "20170041296" "20190222560" "8832187" "10764254" "10033702" "20030120593" "20100296641" "20130159443" "20170085712" "8832301" "20190087707" "5867495" "9525849" "20030078972" "8396490" "20130282421" "20110072367" "9800726" "20130144951" "20140343994" "20150254679" "20170054846" "20140279276" "20160088155" "20140317532" "9210266" "20150142906" "20020143876" "20110251868" "7957991" "8560366" "20170331957" "20030187800" "20170142076" "20150310188" "9762553" "9613190" "20140358632" "20060178918" "20160227040" "8954349" "8396489" "20140351586" "7299257" "8842841" "20140164776" "9922345" "20130156167" "8032409" "20120089410" "20080089506" "20110055309" "9338027" "9781385" "7092370" "8693377" "9819800" "20140126715" "20150063557" "20150269617" "20160165051"				
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L295	143	"20020057678" "20170063768" "9986099" "20040064351" "7987491" "20180198745" "8223955").pn. (copy cc shar\$4 forward\$5 send\$4 transmit\$4) near10 (chat text message) with (receiver recipient destination target\$4 room window channel session group) and L294	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/06/03 11:54 PM
L296	436	(Cohen near3 Marc).in.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/06/03 11:56 PM
L297	9	(Cohen near3 Marc).in. and (Wrinkl).as.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/06/03 11:56 PM
L298	47	(US-20160261537-\$ or US-20150319203-\$ or US-20150099491-\$ or US-20090177978-\$ or US-20130185363-\$ or US-20090125594-\$ or US-20150256353-\$ or US-20190036854-\$ or US-20180139590-\$ or US-20170373868-\$ or US-20170078858-\$ or US-20160241494-\$ or US-20130268603-\$ or US-20030084167-\$ or US-20140149522-\$ or US-20120240062-\$ or US-20120296987-\$ or US-20100325112-\$ or US-20080263204-\$ or US-20090059922-\$ or US-20180239753-\$ or US-20160253315-\$ or US-20130097260-\$ or US-20140096033-\$ or US-20160284031-\$ or US-20130073636-\$).did. or (US- 20190319900-\$ or US- 20180324116-\$ or US- 20160337291-\$ or US- 20160057093-\$ or US- 20150081790-\$ or US- 20140040784-\$ or US-	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/04 06:52 PM

		20120158878-\$ or US-20070136430-\$ or US-20110281596-\$).did. or (US-9374327-\$ or US-8990329-\$ or US-8103960-\$ or US-8495660-\$ or US-9026601-\$ or US-10848445-\$ or US-10193844-\$ or US-10878478-\$ or US-10659243-\$ or US-9621500-\$ or US-9667769-\$ or US-10122662-\$).did.					
L299	21	L298 and ((prevent block) near5 (messag\$5 chat\$4))	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/04 06:53 PM
L300	27	L298 and ((prevent\$4 block\$4 mut\$4) near5 (messag\$5 chat\$4))	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/04 06:59 PM
L301	6	L300 not L299	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/04 06:59 PM
L302	16014	(interconnect\$4 link\$4 inter-connect\$4) with (((chat\$4 text\$3 conversation message discussion) near5 (room window channel)) chatroom chat-room)	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/04 07:04 PM
L303	3584	(H04L51/046 or H04L51/36 or H04L51/18 or H04L51/16 or H04L51/\$ or H04L65/\$ H04L61/\$ H04L69/\$ H04L12/\$ H04L51/046 H04L51/046).cpc. and L302	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/06/04 07:05 PM
L304	14630	(interconnect\$4 link\$4 inter-connect\$4) near10 (((chat\$4 text\$3 conversation message discussion) near5 (room window channel)) chatroom chat-room)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/06/04 07:06 PM
L305	450	(copy cc shar\$4) near5 (chat text message) near10 ((multiple different several plurality) near5 ((chat\$4 text\$3 conversation message) near5 (room window channel)))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/06/04 07:13 PM
L306	110	L304 and L305	(US-PGPUB; USPAT;	OR	ON	ON	2021/06/04

L307	1711	(interconnect\$4 link\$4 inter-connect\$4) near10 (((chat\$4 text\$3 conversation message discussion) near5 (room window channel)) chatroom chat-room) near10 (multiple different several plurality two)	USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB) (US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	07:13 PM 2021/06/04 07:14 PM
L308	422	(H04L51/046 or H04L51/36 or H04L51/18 or H04L51/16 or H04L51/\$ or H04L65/\$ H04L61/\$ H04L69/\$ H04L12/\$ H04L51/046 H04L51/046).cpc. and L307	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/06/04 07:15 PM
L309	516	(interconnect\$4 link\$4 inter-connect\$4) near10 (((IM instant chat\$4 text\$3 conversation messaging discussion) near5 (room window channel)) chatroom chat-room) near10 (multiple different several plurality two)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/06/04 07:17 PM
L310	149	(H04L51/046 or H04L51/36 or H04L51/18 or H04L51/16 or H04L51/\$ or H04L65/\$ H04L61/\$ H04L69/\$ H04L12/\$ H04L51/046 H04L51/046).cpc. and L309	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/06/04 07:19 PM
L311	14630	(interconnect\$4 link\$4 inter-connect\$4) near10 (((chat\$4 text\$3 conversation message discussion) near5 (room window channel)) chatroom chat-room)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/06/04 08:15 PM
L312	450	(copy cc shar\$4) near5 (chat text message) near10 ((multiple different several plurality) near5 ((chat\$4 text\$3 conversation message) near5 (room window channel)))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/06/04 08:15 PM

L313	110	L311 and L312	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/06/04 08:15 PM
L314	516	(interconnect\$4 link\$4 inter-connect\$4) near10 (((IM instant chat\$4 text\$3 conversation messaging discussion) near5 (room window channel)) chatroom chat-room) near10 (multiple different several plurality two)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/06/04 08:15 PM
L315	149	(H04L51/046 or H04L51/36 or H04L51/18 or H04L51/16 or H04L51/\$ or H04L65/\$ H04L61/\$ H04L69/\$ H04L12/\$ H04L51/046 H04L51/046).cpc. and L314	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/06/04 08:15 PM
L316	143	L315 not L313	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/06/04 08:15 PM
L317	0	L316 and L312	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/06/04 08:18 PM
L318	0	L316 and L313	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/06/04 08:18 PM
L319	48	(copy cc shar\$4) near5 (chat text message) and L316	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/06/04 08:20 PM
L320	2575054	(administrator admin moderator) near5 (mut\$3 silent) near18 (everyone all entire) nea5 (chatroom chat-room room)	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/04 08:45 PM
L321	4712904	(administrator admin moderator) near5 (mut\$3 silent) near18 (everyone all entire) nea5 (chatroom chat-room room)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/06/04 08:45 PM
L322	1	(administrator admin moderator) near5 (mut\$3 silent) near18 (everyone all entire)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/06/04 08:47 PM

L323	1	near5 (chatroom chat-room room) (administrator admin moderator) near5 (mut\$3 silent) near18 (everyone all entire whole every) near5 (chatroom chat-room room)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/06/04 08:47 PM
L324	0	(administrator admin moderator) near5 (mut\$3 silent) near18 (everyone all entire whole every) near5 ((chat\$4 text\$3 conversation message) near5 (room window channel) chatroom)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/06/04 08:48 PM
L325	0	(administrator admin moderator) near10 (mut\$3 silent) near18 (everyone all entire whole every) near10 ((chat\$4 text\$3 conversation message) near5 (room window channel) chatroom)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/06/04 08:49 PM
L326	0	(administrator admin moderator) near10 (mut\$3 silent) near18 (everyone all entire whole ever eachy) near10 ((chat\$4 text\$3 conversation message) near5 (room window channel) chatroom)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/06/04 08:49 PM
L327	0	(administrator admin moderator) near10 (mut\$3 silent) near18 (everyone all entire whole every each) near10 ((chat\$4 text\$3 conversation message IM messenger instant) near5 (room window channel) chatroom)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/06/04 08:50 PM
L328	0	(administrator admin moderator) near10 (mut\$3 silent prevent\$4) near18 (everyone all entire whole every each) near10 ((chat\$4 text\$3 conversation message IM messenger instant) near5 (room window	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/06/04 08:50 PM

L329	14	channel) chatroom) (administrator admin moderator) near10 (mut\$3 silent prevent\$4 prohibited) near10 ((chat\$4 text\$3 conversation message IM messenger instant) near5 (room window channel) chatroom)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/06/04 08:51 PM
L330	14	(administrator admin moderator) near10 (mut\$3 silent prevent\$4 prohibit\$4) near10 ((chat\$4 text\$3 conversation message IM messenger instant) near5 (room window channel) chatroom)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/06/04 08:51 PM
L331	47	(US-20160261537-\$ or US-20150319203-\$ or US-20150099491-\$ or US-20090177978-\$ or US-20130185363-\$ or US-20090125594-\$ or US-20150256353-\$ or US-20190036854-\$ or US-20180139590-\$ or US-20170373868-\$ or US-20170078858-\$ or US-20160241494-\$ or US-20130268603-\$ or US-20030084167-\$ or US-20140149522-\$ or US-20120240062-\$ or US-20120296987-\$ or US-20100325112-\$ or US-20080263204-\$ or US-20090059922-\$ or US-20180239753-\$ or US-20160253315-\$ or US-20130097260-\$ or US-20140096033-\$ or US-20160284031-\$ or US-20130073636-\$).did. or (US- 20190319900-\$ or US- 20180324116-\$ or US- 20160337291-\$ or US- 20160057093-\$ or US- 20150081790-\$ or US- 20140040784-\$ or US- 20120158878-\$ or US- 20070136430-\$ or US- 20110281596-\$).did. or (US-9374327-\$ or US- 8990329-\$ or US-	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/04 09:29 PM

		8103960-\$ or US-8495660-\$ or US-9026601-\$ or US-10848445-\$ or US-10193844-\$ or US-10878478-\$ or US-10659243-\$ or US-9621500-\$ or US-9667769-\$ or US-10122662-\$).did.					
L332	27	L331 and ((prevent\$4 block\$4 mut\$4) near5 (messag\$5 chat\$4))	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/04 09:29 PM
L333	0	L331 and ((replay) near5 (privat\$5))	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/04 09:30 PM
L334	0	L331 and ((reply) near5 (privat\$5))	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/04 09:30 PM
L335	0	L331 and ((reply respon\$4) near5 (privat\$5))	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/04 09:31 PM
L336	118	((chat\$4 text\$3 conversation message IM messenger instant) near5 (room window channel) chatroom) with ((reply respon\$4) near5 (privat\$5))	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/04 09:31 PM
L337	4	((chat\$4 text\$3 conversation message IM messenger instant) near5 (room window channel) chatroom) with ((reply respon\$4) near5 (grouped))	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/04 09:39 PM
L338	685	((chat\$4 text\$3 conversation message IM messenger instant) near5 (room window channel) chatroom) with ((reply respon\$4) near5 (group\$4 cluster\$4))	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/04 09:42 PM
L339	651	((chat\$4 text\$3 conversation message IM messenger instant) near5 (room window channel) chatroom) with ((reply respon\$4) near5 (group\$4))	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/04 09:43 PM
L340	298	(H04L51/046 or H04L51/36 or H04L51/18 or H04L51/16 or H04L51/\$ or H04L65/\$ H04L61/\$ H04L69/\$ H04L12/\$ H04L51/046	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/06/04 09:46 PM

L341	50	H04L51/046).cpc. and L339 ((chat\$4 text\$3 conversation message IM messenger instant) near5 (room window channel) chatroom) with ((reply respon\$4) near5 (grouping grouped cluster\$4))	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/04 09:49 PM
L342	46	((chat\$4 text\$3 conversation message IM messenger instant) near5 (room window channel)) chatroom chat-room) same ((reply respon\$4) near5 (grouping grouped))	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/04 10:04 PM
L343	108	((chat\$4 text\$3 conversation message IM messenger instant) near5 (room window channel)) chatroom chat-room) same2 ((reply respon\$4) near5 (grouping grouped))	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/04 10:40 PM
L344	62	L343 not L342	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/04 10:43 PM
L368	45	((copy cc shar\$4 send\$4 transmit\$4) near4 (chat text message)) near10 ((multiple plurality) near8 (parallel simultaneous\$4 concurrent\$4) near6 ((chat text message) near2 (room group window)))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/11/30 09:48 AM
L369	106	L365 same2 (Designat\$5 enter type indicate) near8 ((room group window) near2 (identifier ID name label title))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/11/30 10:23 AM
L370	104	L369 not L368	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/11/30 10:48 AM
L371	51	L365 and (Designat\$5 enter type indicate) near8 ((room group window) near2 (identifier ID name label title)) and chat\$4	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/11/30 10:53 AM

L372	280	L365 and (Designat\$5 enter type indicate) near8 ((room group window) near2 (identifier ID name label title)) and (chat\$4 talk\$4 discuss\$4 conversation)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/11/30 10:54 AM
L373	122	(H04L51/046 or H04L51/36 or H04L51/18 or H04L51/16 or H04L51/\$ or H04L65/\$ H04L61/\$ H04L69/\$ H04L12/\$ H04L51/046 H04L51/046).cpc. and L372	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/11/30 10:56 AM
L374	1887	((copy cc shar\$4 send\$4 transmit\$4) near4 (chat text message)) near10 ((multiple plurality parallel simultaneous\$4 concurrent\$4) near6 ((discussion chat text message conversation) near2 (room group window)))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/11/30 01:22 PM
L375	1934	((copy cc shar\$4 send\$4 transmit\$4) near4 (chat text message)) near10 ((multiple plurality parallel simultaneous\$4 concurrent\$4) near6 ((discussion chat\$4 text messag\$3 conversation) near2 (room group window)))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/11/30 01:22 PM
L376	2578	(display\$4 output\$4 present\$4 show\$4) near10 ((multiple plurality parallel simultaneous\$4 concurrent\$4) near6 ((discussion chat\$4 text messag\$3 conversation) near2 (room group window)))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/11/30 01:23 PM
L377	349	L376 and L375	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/11/30 01:24 PM
L378	190	(H04L51/046 or H04L51/36 or H04L51/18 or H04L51/16 or H04L51/\$	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/11/30 01:25 PM

L379	5126	or H04L65/\$ H04L61/\$ H04L69/\$ H04L12/\$ H04L51/046 H04L51/046).cpc. and L377 ((copy cc shar\$4 forward\$5 send\$4 transmit\$4) near4 (chat text message)) near10 ((multiple plurality parallel simultaneous\$4 concurrent\$4) near5 (room group window))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/11/30 01:25 PM
L380	280	L379 and (Designat\$5 enter type indicate) near8 ((room group window) near2 (identifier ID name label title)) and (chat\$4 talk\$4 discuss\$4 conversation)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/11/30 01:25 PM
L381	122	(H04L51/046 or H04L51/36 or H04L51/18 or H04L51/16 or H04L51/\$ or H04L65/\$ H04L61/\$ H04L69/\$ H04L12/\$ H04L51/046 H04L51/046).cpc. and L380	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/11/30 01:25 PM
L382	182	L378 not L381	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/11/30 01:25 PM
L383	2	"15618948"	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/11/30 11:11 PM
L384	132	("2014/0053082").URP N.	(USPAT)	OR	ON	ON	2021/11/30 11:43 PM
L385	0	("2018/0359292").URP N.	(USPAT)	OR	ON	ON	2021/11/30 11:46 PM
L386	8	16/014,578 and members	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/12/01 05:55 PM
L387	4	"20160028660"	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/12/02 12:10 AM
L394	134	((copy cc shar\$4) near5 (chat text message) near10 ((multiple different several plurality)) near5 (receiver recipient	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/12/03 03:35 PM

L395	37	destination target\$4 room window channel session group gui)) with (hashtag \$1hashtag symbol identification ID character) (H04L51/046 or H04L51/36 or H04L51/18 or H04L51/16 or H04L51/\$ or H04L65/\$ H04L61/\$ H04L69/\$ H04L12/\$ H04L51/046 H04L51/046).cpc. and L394	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/12/03 03:39 PM
L396	9062	(copy cc shar\$4) near5 (chat text message) with (hashtag \$1hashtag symbol identification ID character)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/12/03 03:58 PM
L397	169	L396 and (Designat\$5 enter type indicate) near8 ((room group window) near2 (identifier ID name label title)) and (chat\$4 talk\$4 discuss\$4 conversation)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/12/03 03:59 PM
L398	2580	(display\$4 output\$4 present\$4 show\$4) near10 ((multiple plurality parallel simultaneous\$4 concurrent\$4) near6 ((discussion chat\$4 text messag\$3 conversation) near2 (room group window)))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/12/03 03:59 PM
L399	87	L398 and (Designat\$5 enter type indicate) near8 ((room group window) near2 (identifier ID name label title)) and (chat\$4 talk\$4 discuss\$4 conversation)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/12/03 03:59 PM
L400	87	L399 not L395	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/12/03 04:01 PM
L401	167	L397 not L400	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/12/03 04:30 PM
L402	166	L401 not L395	(US-PGPUB; USPAT; USOCR; FPRS; EPO;	OR	ON	ON	2021/12/03 04:31 PM

L403	68	((copy cc shar\$4) near5 (chat text message) near10 ((multiple different several plurality another external)) near5 ((chat\$4 message conversation talk) near3 (receiver recipient destination target\$4 room window channel session group gui))) with (hashtag \$1hashtag symbol identification ID character)	JPO; DERWENT; IBM_TDB) (US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/12/03 04:38 PM
L404	110	((copy cc shar\$4) near5 (chat text message) near10 ((chat\$4 message conversation talk) near3 (receiver recipient destination target\$4 room window channel session group gui channel))) near10 (add\$4 insert\$4 using) near10 (hashtag \$1hashtag symbol identification ID character)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/12/03 08:17 PM
L405	168	((copy cc shar\$4) near5 (chat text message) near10 ((chat\$4 message conversation talk) near3 (receiver recipient destination target\$4 room window channel session group gui channel))) near10 ((add\$4 insert\$4 using compris\$4 includ\$4) near3 (hashtag \$1hashtag symbol identification ID character))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/12/03 08:18 PM
L406	51	L404 and ((discussion chat\$4 text messag\$3 conversation) near2 (room group window dui))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/12/03 08:27 PM
L407	288	((copy cc shar\$4) near5 (chat text message) near10 ((chat\$4 message conversation	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/12/03 08:38 PM

		talk) near3 (receiver recipient destination target\$4 room window channel session group gui channel))) near10 (add\$4 insert\$4 using compris\$4 includ\$4) near10 (hashtag \$1hashtag symbol identification ID character)					
L408	127	L407 same ((discussion chat\$4 text messag\$3 conversation) near2 (room group window dui channel))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/12/03 08:39 PM
L409	100	L408 not L406	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/12/03 08:40 PM
L410	6	"20170054664"	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/12/03 09:11 PM
L411	3	"20120158857"	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/12/03 11:03 PM
L412	3	"20120158857" and group and twitter	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/12/04 12:36 AM
L413	57	(US-20160261537-\$ or US-20150319203-\$ or US-20150099491-\$ or US-20090177978-\$ or US-20130185363-\$ or US-20090125594-\$ or US-20150256353-\$ or US-20190036854-\$ or US-20180139590-\$ or US-20170373868-\$ or US-20170078858-\$ or US-20160241494-\$ or US-20130268603-\$ or US-20030084167-\$ or US-20140149522-\$ or US-20120296987-\$ or US-20100325112-\$ or US-20080263204-\$ or US-20090059922-\$ or US-20180239753-\$ or US-20160253315-\$ or US-20130097260-\$ or US-20140096033-\$ or	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/04 01:46 AM

		US-20160284031-\$ or US-20130073636-\$ or US-20190319900-\$).did. or (US- 20180324116-\$ or US- 20160337291-\$ or US- 20160057093-\$ or US- 20150081790-\$ or US- 20140040784-\$ or US- 20120158878-\$ or US- 20070136430-\$ or US- 20110281596-\$ or US- 20160028660-\$ or US- 20180351903-\$ or US- 20150012881-\$ or US- 20140173456-\$ or US- 20140215361-\$ or US- 20150012842-\$ or US- 20140053082-\$ or US- 20120158857-\$).did. or (US-9374327-\$ or US- 8990329-\$ or US- 8103960-\$ or US- 8495660-\$ or US- 9026601-\$ or US- 10848445-\$ or US- 10193844-\$ or US- 10878478-\$ or US- 10659243-\$ or US- 9621500-\$ or US- 9667769-\$ or US- 10122662-\$ or US- 10680986-\$ or US- 10812539-\$ or US- 10530731-\$).did.					
L414	4	"20160028660"	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/12/04 01:57 AM
L416	58	(US-20160261537-\$ or US-20150319203-\$ or US-20150099491-\$ or US-20090177978-\$ or US-20130185363-\$ or US-20090125594-\$ or US-20150256353-\$ or US-20190036854-\$ or US-20180139590-\$ or US-20170373868-\$ or US-20170078858-\$ or US-20160241494-\$ or US-20130268603-\$ or US-20030084167-\$ or US-20140149522-\$ or US-20120240062-\$ or US-20120296987-\$ or US-20100325112-\$ or	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/04 01:51 PM

		US-20080263204-\$ or US-20090059922-\$ or US-20180239753-\$ or US-20160253315-\$ or US-20130097260-\$ or US-20140096033-\$ or US-20160284031-\$ or US-20130073636-\$).did. or (US- 20190319900-\$ or US- 20180324116-\$ or US- 20160337291-\$ or US- 20160057093-\$ or US- 20150081790-\$ or US- 20140040784-\$ or US- 20120158878-\$ or US- 20070136430-\$ or US- 20110281596-\$ or US- 20160028660-\$ or US- 20180351903-\$ or US- 20150012881-\$ or US- 20140173456-\$ or US- 20140215361-\$ or US- 20150012842-\$ or US- 20140053082-\$ or US- 20120158857-\$).did. or (US-9374327-\$ or US- 8990329-\$ or US- 8103960-\$ or US- 8495660-\$ or US- 9026601-\$ or US- 10848445-\$ or US- 10193844-\$ or US- 10878478-\$ or US- 10659243-\$ or US- 9621500-\$ or US- 9667769-\$ or US- 10122662-\$ or US- 10680986-\$ or US- 10812539-\$ or US- 10530731-\$).did.					
L417	0	"2018035929"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/24 03:18 PM
L418	2	"20180359292"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/24 03:18 PM
L419	58	(initiat\$4 start\$4 call\$4) near6 (chat\$4) near8 (existing pre-existing created established) near5 (thread room)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/24 03:26 PM
L420	180	(initiat\$4 start\$4 send\$4) near6 (chat\$4 message) near8 ((existing pre-existing preestablishd pre- established established) near3 (thread room))	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/24 03:35 PM

L421	177	L420 NOT L419	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/24 03:35 PM
L422	379	(international near2 business near2 machine).as.	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/24 03:45 PM
L423	0	(international near2 business near2 machine).as. AND (chat SAME thread)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/24 03:45 PM
L424	1	(international near2 business near2 machine).as. AND (chat AND thread)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/24 03:45 PM
L426	325	(international near2 business near2 machines near4 corporation).as. AND (chat SAME thread)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/24 03:47 PM
L428	364	(international near2 business near2 machines near4 corporation).as. AND ((chat message) WITH threads) AND chat	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/24 03:49 PM
L429	89	(international near2 business near2 machines near4 corporation).as. AND (((chat message) WITH threads) WITH display\$4) AND chat	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/24 03:49 PM
L430	285	(international near2 business near2 machines near4 corporation).as. AND ((room threads) WITH select\$4) AND chat	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/24 03:53 PM
L431	203	(international near2 business near2 machines near4 corporation).as. AND ((room threads) near7 select\$4) AND chat	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/24 03:54 PM
L432	14	(international near2 business near2 machines near4 corporation).as. AND ((room threads) near7 select\$4) AND (member\$4 near8 (chat) near10 (room thread))	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/24 03:55 PM
L433	39	(Artificial Intelligence) More Like: US-10812539-B2	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY,	OR	ON	ON	2022/05/24 04:00 PM

		Text: (RU-2006110932-A OR MX-PA06002131-A OR WO-2005025081-A1 OR US-20050054381- A1 OR US-10701003- B2 OR US-10091025- B2 OR US- 20180359292-A1 OR US-20180287982-A1 OR CN-110233745-A OR US-10601753-B2 OR US-20170288904- A1 OR US- 20200007477-A1 OR CN-111343081-A OR US-20170310717-A1 OR US-20160028895- A1 OR US- 20150312360-A1 OR US-20190089663-A1 OR US-10673642-B2 OR US-10938764-B2 OR CN-110995574- A).did.	CA, CH, CN, CS, CU, 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)				
L434	89802	(H04L51/046 OR H04L51/18 OR H04L51/212 OR H04L51/216 OR H04L51/56 OR H04L65/1069).cpc.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/05/24 04:23 PM
L435	108	L434 AND L428	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/24 04:24 PM
L436	1	(cross inter) near6 (chat\$4 message) near8 ((existing pre- existing preestablishd pre-established established) near3 (thread room))	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/24 04:25 PM
L437	679	((cross inter) near6 (chat\$4 message) near8 (thread room))	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/24 04:25 PM
L439	59	L434 AND L437	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/24 04:28 PM
L440	145	(H04L51/046 OR H04L51/36 OR H04L51/18 OR H04L51/16 OR H04L51/\$ OR H04L65/\$ H04L61/\$ H04L69/\$ H04L12/\$ H04L51/046 H04L51/046).cpc. AND L437	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/24 04:29 PM
L441	212	((shar\$4 copy cc) near8	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/24

L442	138	(between amoung inter cross) near6 ((chat\$4 message) near2 (thread room))) (H04L51/046 OR H04L51/36 OR H04L51/18 OR H04L51/16 OR H04L51/\$ OR H04L65/\$ H04L61/\$ H04L69/\$ H04L12/\$ H04L51/046 H04L51/046).cpc. AND L441	(US-PGPUB; USPAT)	OR	ON	ON	05:16 PM 2022/05/24 05:17 PM
L443	6	((shar\$4 copy cc) near8 (between amoung inter cross) near6 ((chat\$4 message) near2 (thread room))) AND (((chat\$4 message) near2 (thread room)) near6 (destination receiving target) near5 (chat\$4 message) near2 (thread room) near3 (name id identification))	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/24 05:21 PM
L444	74	send\$4 near5 (chat) near6 (multiple plurality additional) near6 (room thread group)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/25 10:24 AM
L445	136	((deliver\$4 send\$4 sent) near5 (chat message) near6 (multiple plurality additional) near6 (chat messege talk) near2 (room thread group)))	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/25 10:49 AM
L446	73	L445 NOT L444	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/25 10:49 AM
L447	79	L445 NOT L444	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/05/25 10:49 AM
L448	1021	((deliver\$4 send\$4 sent) near5 (chat message) near6 (multiple plurality additional) near6 (chat message talk) near2 (room thread group)))	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/25 10:55 AM
L449	31	((deliver\$4 send\$4 sent) near5 (chat message) near6 (multiple plurality additional) near6 (	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/25 10:56 AM

L450	9	(chat message talk near2 (room thread group))) WITH (parallel simultaneously) ((c shar\$4 copy) near5 (chat message) near6 (multiple plurality additional) near6 () (chat message talk) near2 (room thread group))) WITH (parallel simultaneously)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/25 11:10 AM
L451	6	((c shar\$4 copy) near5 (chat message) near6 (multiple plurality additional) near6 () (chat message talk) near2 (room thread group))) WITH (parallel simultaneously)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/25 11:11 AM
L452	273	((chat message) near6 (multiple plurality additional) near6 () (chat message talk) near2 (room thread group))) WITH (parallel simultaneously)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/25 11:12 AM
L453	263	L452 NOT L445	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/25 11:12 AM
L454	219	((chat message) near6 (multiple plurality additional) near6 () (chat message talk) near1 (room thread group))) WITH (parallel simultaneously)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/25 11:12 AM
L455	219	((chat message) near6 (multiple plurality additional) near6 () (chat message talk) NEAR (room thread group))) WITH (parallel simultaneously)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/25 11:13 AM
L456	174	((chat message) near6 (multiple plurality additional) near6 () (chat message talk) adj1 (room thread group))) WITH (parallel simultaneously)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/25 11:13 AM
L457	1	"20190281003"	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/25 11:24 AM
L458	61	((US-10122662-B2 OR US-10878478-B2 OR US-10659243-B1 OR	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY,	OR	ON	ON	2022/05/25 12:56 PM

		US-9621500-B2 OR US-9667769-B2 OR US-10680986-B1 OR US-10812539-B2 OR US-10530731-B1 OR US-10193844-B1 OR US-9374327-B2 OR US-8990329-B1 OR US-8103960-B2 OR US-8495660-B1 OR US-10848445-B1 OR US-9026601-B1).did. AND USPT.dbnm.) OR ((US-20140096033-A1 OR US-20160284031- A1 OR US- 20130073636-A1 OR US-20190319900-A1 OR US-20180324116- A1 OR US- 20160337291-A1 OR US-20160057093-A1 OR US-20150081790- A1 OR US- 20140040784-A1 OR US-20120158878-A1 OR US-20150319203- A1 OR US- 20070136430-A1 OR US-20110281596-A1 OR US-20160028660- A1 OR US- 20180351903-A1 OR US-20150012881-A1 OR US-20140173456- A1 OR US- 20140215361-A1 OR US-20150012842-A1 OR US-20140053082- A1 OR US- 20120158857-A1 OR US-20160261537-A1 OR US-20150099491- A1 OR US- 20090177978-A1 OR US-20130185363-A1 OR US-20090125594- A1 OR US- 20150256353-A1 OR US-20190036854-A1 OR US-20180139590- A1 OR US- 20170373868-A1 OR US-20170078858-A1 OR US-20160241494- A1 OR US- 20130097260-A1 OR US-20160253315-A1	CA, CH, CN, CS, CU, 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)				
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L459	908	OR US-20180239753-A1 OR US-20090059922-A1 OR US-20080263204-A1 OR US-20100325112-A1 OR US-20120296987-A1 OR US-20120240062-A1 OR US-20140149522-A1 OR US-20030084167-A1 OR US-20130268603-A1 OR US-20180287982-A1 OR US-20160127282-A1 OR US-20190281003-A1).did. AND PGPB.dbnm.) ("20120197969" "20170068904" "20170068906" "7111044" "20030009525" "20020129112" "20190272064" "20050190898" "7203724" "20130055112" "7844662" "6606644" "10616035" "20020059138" "8244807" "20040078444" "9100220" "20120297322" "20110029898" "9503281" "20150341289" "9832164" "20160359796" "11269485" "20200310628" "20180341387" "7716289" "20180270175" "20040078445" "10812423" "8180840" "20040078443" "20220078148" "20050080868" "11121997" "7131003" "20040168055" "7739508" "9509681" "20070050624" "10313135" "20180270072" "9985790" "10003683" "7111043"	(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)	OR	ON	ON	2022/05/25 12:56 PM
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		"20190342406" "8301892" "20100223470" "20130036302" "9071597" "10397176" "20170078104" "10298700" "8051475" "20150264042" "10992626" "20090055497" "20100031338" "20190222550" "20160255186" "20100057857" "20040111479" "20180063070" "8312095" "20090006333" "9076131" "9544265" "10015130" "20150281165" "20130007640" "10439979" "9265077" "20140365593" "20170289074" "20150264723" "20150172228" "10164930" "20140359018" "8490190" "9872318" "9614923" "20150264722" "10015129" "9313289" "94444902" "20150264730" "20140365591" "11025680" "20150264147" "9565263" "10165017" "20090193430" "20150264731" "20150264543" "20190081992" "10680840" "20150264091" "7543032" "20160182414" "10044667" "20200252353" "20060088144" "20140365592" "20180302356" "10033670" "20090187831" "11303589" "10637808" "10608968" "20140280603" "10154071"				
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		"20170034226" "20170041263" "9843548" "10528623" "20050050151" "7890860" "6898631" "20170310613" "20180212904" "20150382149" "10659403" "10645034" "20200351227" "20190028844" "20200184701" "20210225058" "9544735" "20080103854" "11030789" "20190173812" "20200344195" "20050288951" "9769613" "20120296887" "8239461" "20200225832" "20220116341" "20040181584" "10693822" "20190130629" "8898241" "20160164818" "10657695" "20040187109" "20110055309" "20040260778" "9686219" "7293065" "8661079" "20070088793" "20140051474" "20140094192" "20080222687" "20160227019" "10616148" "20080250108" "20080096594" "9961187" "20080183826" "20200351109" "10360596" "8271004" "20140025501" "20020178087" "20140297766" "20150088485" "20180284961" "20070136475" "20160099982" "20190149489" "9594841" "20110202439" "20170180284"				
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		"10063499" "20090030774" "7991895" "10768791" "20070043823" "8959030" "20150200879" "20080228890" "20200356236" "9161171" "20090054097" "8355743" "20170285885" "6912521" "9990108" "20180077542" "10187337" "20180365737" "20190318391" "20020188777" "20100281535" "20150110261" "9742875" "10116599" "20030078972" "20090119373" "8527345" "9134985" "20160065694" "20150052513" "20110202594" "20080046512" "7970832" "8898219" "10048958" "20150236993" "20190303889" "20170329600" "10755319" "20080183815" "20060282538" "20050004840" "20170279964" "20200034851" "9049117" "20040249901" "20170048170" "20110047246" "20080313534" "20060167992" "8909693" "10127300" "20140289604" "9923850" "9647968" "20020184313" "7653695" "7451188" "20050193076" "8739031" "20140214404" "6654788" "7010312" "7447744" "20030157945" "9170993" "20150178373"				
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		"20070260724" "20090119264" "9781123" "20170118183" "20040003090" "10230697" "20150312260" "10282460" "20060167944" "20150327061" "20170104703" "10375242" "20160156574" "20140074842" "20180302349" "20190107990" "20180006978" "10212108" "6922689" "11249714" "20190173858" "20170012907" "7069316" "11050683" "9948583" "20150326512" "9641470" "20040176113" "20020059164" "20210382595" "10410107" "20170068448" "20110218854" "20040203770" "11063919" "11115393" "10394853" "6772196" "10587541" "20160156584" "20160283577" "9356895" "10192274" "20150326513" "6487583" "9253306" "20160269411" "6437777" "6922561" "20160285798" "11310181" "20200120055" "10924444" "20160337291" "20110209159" "20040117443" "20100011072" "20030153343" "9450901" "10554602" "8335827" "9154626" "20190057143" "11295194" "20110209069" "20020059379" "20150281449"				
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		"6535492" "20180032576" "9241069" "20140270138" "7010570" "9621726" "20080008162" "9262908" "20030153342" "20060026233" "20020060988").did.					
L460	21	L448 AND L459	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/25 12:57 PM
L461	74	((chat message) near6 (multiple plurality additional) near6 ((chat message talk) near2 (room thread group))) AND L459	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/25 12:59 PM
L462	7	((chat message) near6 (external) near6 ((chat message talk) near2 (room thread group))) AND L459	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/25 02:02 PM
L463	423	((chat message) near6 (external) near6 ((chat message talk) near2 (room thread group)))	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/25 02:04 PM
L464	0	((deliver\$4 send\$4 sent copy cc shar\$4) near5 (chat message) near6 (external) near6 ((chat message talk) near2 (room thread group))) WITH (parallel simultaneously)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/25 02:05 PM
L465	2	((chat message) near7 (external) near6 ((chat message talk) near2 (room thread group))) WITH (parallel simultaneously)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/25 02:05 PM
L466	62	((deliver\$4 send\$4 sent copy cc shar\$4) near5 (chat message) near6 (external) near6 ((chat message talk) near2 (room thread group)))	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/25 02:05 PM
L467	151	((deliver\$4 send\$4 sent copy cc shar\$4) near5 (chat message) near6 (peer) near6 ((chat message talk) near2 (room thread group)))	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/25 02:09 PM
L468	104	((deliver\$4 send\$4 sent copy cc shar\$4) near5	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/25 02:10 PM

L471	0	(chat message) near6 (peer) near6 ((chat message talk) near1 (room thread group))) (inter near5 ((chat message talk) near1 (room thread group))) near6 addressing	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/25 02:14 PM
L472	157	(inter near5 ((chat message talk) near1 (room thread group))) near6 (communication chat\$4 messag\$4)	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/25 02:15 PM
L473	8	L470 AND L472	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/25 02:16 PM
L474	61	((US-10122662-B2 OR US-10878478-B2 OR US-10659243-B1 OR US-9621500-B2 OR US-9667769-B2 OR US-10680986-B1 OR US-10812539-B2 OR US-10530731-B1 OR US-10193844-B1 OR US-9374327-B2 OR US-8990329-B1 OR US-8103960-B2 OR US-8495660-B1 OR US-10848445-B1 OR US-9026601-B1).did. AND USPT.dbnm.) OR ((US-20140096033-A1 OR US-20160284031-A1 OR US-20130073636-A1 OR US-20190319900-A1 OR US-20180324116-A1 OR US-20160337291-A1 OR US-20160057093-A1 OR US-20150081790-A1 OR US-20140040784-A1 OR US-20120158878-A1 OR US-20150319203-A1 OR US-20070136430-A1 OR US-20110281596-A1 OR US-20160028660-A1 OR US-20180351903-A1 OR US-20150012881-A1 OR US-20140173456-A1 OR US-20140215361-A1 OR US-20150012842-A1 OR US-20140053082-	(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)	OR	ON	ON	2022/05/25 02:31 PM

L475	12	A1 OR US-20120158857-A1 OR US-20160261537-A1 OR US-20150099491-A1 OR US-20090177978-A1 OR US-20130185363-A1 OR US-20090125594-A1 OR US-20150256353-A1 OR US-20190036854-A1 OR US-20180139590-A1 OR US-20170373868-A1 OR US-20170078858-A1 OR US-20160241494-A1 OR US-20130097260-A1 OR US-20160253315-A1 OR US-20180239753-A1 OR US-20090059922-A1 OR US-20080263204-A1 OR US-20100325112-A1 OR US-20120296987-A1 OR US-20120240062-A1 OR US-20140149522-A1 OR US-20030084167-A1 OR US-20130268603-A1 OR US-20180287982-A1 OR US-20160127282-A1 OR US-20190281003-A1).did. AND PGPB.dbnm.) L474 AND ((sub private) near4 (channel group thread))	(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)	OR	ON	ON	2022/05/25 02:32 PM
L476	132	(international near2 business near2 machines near4 corporation).as. AND	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/25 02:54 PM

L477	97	((room threads) near7 select\$4) AND ((chat) near10 (room thread)) L469 AND (international near2 business near2 machines near4 corporation).as.	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/25 02:55 PM
L478	40	(Artificial Intelligence) More Like: US-20070288560-A1 Text: (US-7844662-B2 OR CN-113452604-A OR US-20040078444-A1 OR CN-107196839-B OR CN-107196839-A OR US-10812539-B2 OR US-20180359292- A1 OR JP-2018508066- A OR US-7552177-B2 OR CN-112470430-A OR US-20070208806- A1 OR CN-101159705- A OR US-9275372-B2 OR CN-101159705-B OR US-8244807-B2 OR KR-101624616-B1 OR US-20110029898-A1 OR US-7945620-B2 OR US-20150341289-A1 OR JP-2005173874- A).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)	OR	ON	ON	2022/05/25 03:19 PM
L479	18	("20030198458" "20060 095471" "20080147873 " "20080178219" "2010 0042235" "2010004568 1").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)	OR	ON	ON	2022/05/25 03:25 PM
L480	2	"8799977".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,	OR	ON	ON	2022/05/25 03:28 PM

L481	92	(international near2 business near2 machines near4 corporation).as. AND ((multiple plurality) near10 ((chat) near1 (room thread)))	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) (US-PGPUB; USPAT)	OR	ON	ON	2022/05/25 09:30 PM
L483	241	L482 NOT L481	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/25 09:39 PM
L485	63	((US-10122662-B2 OR US-10878478-B2 OR US-10659243-B1 OR US-9621500-B2 OR US-9667769-B2 OR US-10680986-B1 OR US-10812539-B2 OR US-10530731-B1 OR US-10193844-B1 OR US-9374327-B2 OR US-8990329-B1 OR US-8103960-B2 OR US-8495660-B1 OR US-10848445-B1 OR US-9026601-B1 OR US-10268340-B2 OR US-10601753-B2).did. AND USPT.dbnm.) OR ((US-20140096033-A1 OR US-20160284031- A1 OR US- 20130073636-A1 OR US-20190319900-A1 OR US-20180324116- A1 OR US- 20160337291-A1 OR US-20160057093-A1 OR US-20150081790- A1 OR US- 20140040784-A1 OR US-20120158878-A1 OR US-20150319203- A1 OR US- 20070136430-A1 OR US-20110281596-A1 OR US-20160028660- A1 OR US- 20180351903-A1 OR US-20150012881-A1 OR US-20140173456-	(US-PGPUB; USPAT; USOCR; FIT (CN, FR, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/05/26 11:27 AM

		A1 OR US- 20140215361-A1 OR US-20150012842-A1 OR US-20140053082- A1 OR US- 20120158857-A1 OR US-20160261537-A1 OR US-20150099491- A1 OR US- 20090177978-A1 OR US-20130185363-A1 OR US-20090125594- A1 OR US- 20150256353-A1 OR US-20190036854-A1 OR US-20180139590- A1 OR US- 20170373868-A1 OR US-20170078858-A1 OR US-20160241494- A1 OR US- 20130097260-A1 OR US-20160253315-A1 OR US-20180239753- A1 OR US- 20090059922-A1 OR US-20080263204-A1 OR US-20100325112- A1 OR US- 20120296987-A1 OR US-20120240062-A1 OR US-20140149522- A1 OR US- 20030084167-A1 OR US-20130268603-A1 OR US-20180287982- A1 OR US- 20160127282-A1 OR US-20190281003- A1).did. AND PGPB.dbnm.)					
L487	13	L485 AND ((sub private) near2 (thread room group))	(US-PGPUB; USPAT; USOCR; FIT (CN, FR, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/05/26 11:27 AM
L495	157	(link\$4 near5 ((chat message) near1 (group room thread))) AND ((sub private) near2 (thread room group)) AND ((message chat) near5 ((between among) near5 (thread room group)))	(US-PGPUB; USPAT; USOCR; FIT (CN, FR, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/05/26 11:36 AM

PE2E SEARCH - Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	British Equivalents	Time Stamp
N349	23	Cohen.in. and (message same (first with channel) same (second with channel)).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/05 05:32 PM
N351	0	Cohen.in. and (designation same text same message same (first with channel) same (second with channel)).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/05 05:33 PM
N352	0	Cohen.in. and (designation same replay same message same (first with channel) same (second with channel)).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/05 05:33 PM
N353	4	Cohen.in. and ((text chat) same message same (first with channel) same (second with channel)).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/05 05:33 PM
N354	0	Cohen.in. and ((text chat) same message same chatroom).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2021/06/05 05:34 PM
N388	0	Cohen.in. and (designation same text same message same (first with channel) same (second with channel)).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/02 10:25 AM
N389	0	Cohen.in. and (designation same (text message) same (first with channel) same (second with channel)).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/02 10:25 AM
N390	0	Cohen.in. and (designation same replay same (text message) same (first with channel) same (second with channel)).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/02 10:26 AM
N391	11	Cohen.in. and (plurality same (text\$4 chat\$3) same ((chat text\$4 messaging) near3 (window channel room GUI))).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/02 10:27 AM
N392	4	Cohen.in. and (text same message same	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/02 10:31 AM

N393	5	(first with channel) same (second with channel)).clm. Cohen.in. and ((transmit\$4 send\$4) with (message text) same (first near3 (room channel window stream)) same (second near3 (room channel window stream))).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2021/12/02 10:37 AM
N416	0	Cohen.in. and (designation same text same message same (first with channel) same (second with channel)).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/26 05:09 PM
N417	5	Cohen.in. AND ((transmit\$4 send\$4) WITH (message text) SAME (first near3 (room channel window thread)) SAME (second near3 (room channel window thread))).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/26 05:13 PM
N418	0	Cohen.in. AND ((indicati\$4 near10 (transmission sent\$4 delivered)) SAME (transmit\$4 send\$4) WITH (message text) SAME (first near3 (room channel window thread)) SAME (second near3 (room channel window thread))).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/26 05:14 PM
N419	0	Cohen.in. and (designation same (text message) same (first with channel) same (second with channel)).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/26 05:15 PM
N420	1	Cohen.in. AND ((designat\$4 associat\$4 assign\$4) near5 (message text) near5 (send\$4 transmit\$4 communicat\$4) near5 (second peer another other) near9 (channel room thread group)).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/26 05:19 PM
N422	0	Cohen.in. AND ((display\$4 near4 (message chat) near1	(US-PGPUB; USPAT)	OR	ON	ON	2022/05/26 05:21 PM

		(room window thread stream)) SAME (designat\$4 associat\$4 assign\$4) near5 (message text) near5 (send\$4 transmit\$4 communicat\$4) near5 (second peer another other) near9 ((message chat near1(stream channel room thread group))))).clm.					
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Bibliographic Data

Application No: 16/014,578

Foreign Priority claimed: ☐ Yes ☒ No

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

Verified and Acknowledged:

Examiner's Signature

Initials

Title:

PARALLEL MESSAGING APPARATUS AND METHOD
THEREOF

FILING or 371(c) DATE	CLASS	GROUP ART UNIT	ATTORNEY DOCKET NO.
06/21/2018	709	2423	W1186/20011
RULE			

APPLICANTS

Wrinkl, Inc., Sands Point, NY, UNITED STATES

INVENTORS

Marc A. Cohen, Blue Bell, PA, UNITED STATES

CONTINUING DATA

This application has PRO of 62666137 05/03/2018

This application is a CIP of 15858696 12/29/2017 PAT 10025475

15858696 has PRO of 62518905 06/13/2017

This application is a CIP of 15609663 05/31/2017 PAT 10009300

15858696 is a CIP of 15431077 02/13/2017 PAT 9860198

15431077 has PRO of 62446067 01/13/2017

15609663 is a CON of 15293620 10/14/2016 PAT 9712466

15293620 has PRO of 62358719 07/06/2016

15293620 has PRO of 62253229 11/10/2015

FOREIGN APPLICATIONS

IF REQUIRED, FOREIGN LICENSE GRANTED**

07/10/2018

** SMALL ENTITY **

STATE OR COUNTRY

UNITED STATES

ADDRESS

CAESAR RIVISE, PC
7 Penn Center, 12th Floor
1635 Market Street

Philadelphia, PA 19103-2212

UNITED STATES

FILING FEE RECEIVED

\$785

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 including the Patent, advance orders and notification of maintenance fees 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.

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

3000 7590 06/02/2022
CAESAR RIVISE, PC
7 Penn Center, 12th Floor
1635 Market Street
Philadelphia, PA 19103-2212

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.

Michael J. Cornelison	(Typed or printed name)
/Michael J. Cornelison/	(Signature)
June 6, 2022	(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
16/014,578	06/21/2018	Marc A. Cohen	W1186/20011	7094

TITLE OF INVENTION: PARALLEL MESSAGING APPARATUS AND METHOD THEREOF

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	SMALL	\$600	\$0.00	\$0.00	\$600	09/02/2022

EXAMINER	ART UNIT	CLASS-SUBCLASS
DOSHI, AKSHAY	2423	709-206000

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 Caesar Rivise, PC

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

Wrinkl, Inc.

(B) RESIDENCE: (CITY and STATE OR COUNTRY)

Sands Point, New York

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) ☐ Advance Order - # of Copies _____

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

☒ Electronic Payment via 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. 03-0075

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

☐ Applicant certifying micro entity status. See 37 CFR 1.29

☐ Applicant asserting small entity status. See 37 CFR 1.27

☐ Applicant changing to regular undiscounted fee status.

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.

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.

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 /Michael J. Cornelison/

Date June 6, 2022

Typed or printed name Michael J. Cornelison

Registration No. 40,395

Electronic Patent Application Fee Transmittal				
Application Number:		16014578		
Filing Date:		21-Jun-2018		
Title of Invention:		PARALLEL MESSAGING APPARATUS AND METHOD THEREOF		
First Named Inventor/Applicant Name:		Marc A. Cohen		
Filer:		Michael Cornelison/Robin Wilson		
Attorney Docket Number:		W1186/20011		
Filed as Small 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	2501	1	600	600

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Extension-of-Time:				
Miscellaneous:				
Total in USD (\$)				600

Electronic Acknowledgement Receipt	
EFS ID:	45884902
Application Number:	16014578
International Application Number:	
Confirmation Number:	7094
Title of Invention:	PARALLEL MESSAGING APPARATUS AND METHOD THEREOF
First Named Inventor/Applicant Name:	Marc A. Cohen
Customer Number:	3000
Filer:	Michael Cornelison/Robin Wilson
Filer Authorized By:	Michael Cornelison
Attorney Docket Number:	W1186/20011
Receipt Date:	06-JUN-2022
Filing Date:	21-JUN-2018
Time Stamp:	15:38:46
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	CARD
Payment was successfully received in RAM	\$ 600
RAM confirmation Number	E202266F39151720
Deposit Account	
Authorized User	
The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:	

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)	W118620011_Issue_Fee.pdf	267082	no	1
			64ec71dcbbc1173f184a62dc310d8947ee3def6f4		
Warnings:					
Information:					
2	Fee Worksheet (SB06)	fee-info.pdf	37824	no	2
			cd067afd434a1acf77dac4181d8691f087d7a292		
Warnings:					
Information:					
Total Files Size (in bytes):			304906		
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. <u>New Applications Under 35 U.S.C. 111</u> 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. <u>National Stage of an International Application under 35 U.S.C. 371</u> 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. <u>New International Application Filed with the USPTO as a Receiving Office</u> 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.					



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www.uspto.gov

APPLICATION NO.	ISSUE DATE	PATENT NO.	ATTORNEY DOCKET NO.	CONFIRMATION NO.
16/014,578	07/12/2022	11388120	W1186/20011	7094

3000 7590 06/22/2022
CAESAR RIVISE, PC
7 Penn Center, 12th Floor
1635 Market Street
Philadelphia, PA 19103-2212

ISSUE NOTIFICATION

The projected patent number and issue date are specified above.

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 650 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 Application Information Retrieval (PAIR) WEB site (<http://pair.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 PAIR WEB site <http://pair.uspto.gov> for additional inventors):

Marc A. Cohen, Blue Bell, PA;

APPLICANT(s) (Please see PAIR WEB site <http://pair.uspto.gov> for additional applicants):

Wrinkl, Inc., Sands Point, NY;

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