



UNITED STATES
PATENT AND TRADEMARK OFFICE

P.O. Box 1450
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ELECTRONIC ACKNOWLEDGEMENT RECEIPT

APPLICATION # 16/413,052	RECEIPT DATE / TIME 05/02/2025 02:04:44 PM Z ET	ATTORNEY DOCKET # 10-406-CON-REI
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Title of Invention

Method and System for Transmitting a Multimedia Stream

Application Information

APPLICATION TYPE	Utility - Reissue	PATENT #	-
CONFIRMATION #	9330	FILED BY	Matthew Ridsdale
PATENT CENTER #	70267513	FILING DATE	05/15/2019
CUSTOMER #	20306	FIRST NAMED INVENTOR	Hans Maarten Stokking
CORRESPONDENCE ADDRESS	-	AUTHORIZED BY	Matthew Ridsdale

Documents

TOTAL DOCUMENTS: 2

DOCUMENT	PAGES	DESCRIPTION	SIZE (KB)
10-406-CON-REI Issue Fee.pdf	1	Issue Fee Payment (PTO-85B)	187 KB
10-406-CON-REI - US Comments on Reasons for Allowance.pdf	1	Post Allowance Communication - Incoming	95 KB

Digest

DOCUMENT	MESSAGE DIGEST(SHA-512)
10-406-CON-REI Issue Fee.pdf	5CAC2EF2A5B9748283AD887E85C85B1C4C189C521F555B0C 9A6BCD0DF052CFF81C147F29F9B274A69595EE4B9229E0292 36289223403F8EB09B431057AE27875
10-406-CON-REI - US	815C6C4BCADC176EA5EA6420E1B0FA2878C7D312A8F12B2B

Comments on Reasons for
Allowance.pdf

90C7CF89A30564A32ABB7CC3356949A686A7C2F1A9C1E3244
66E600C9F0024AF0C3E2DEF7EE774FC

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

New Applications Under 35 U.S.C. 111

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

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

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

New International Application Filed with the USPTO as a Receiving Office

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



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ELECTRONIC PAYMENT RECEIPT

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Title of Invention

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CONFIRMATION #	9330	FILED BY	Matthew Ridsdale
PATENT CENTER #	70267513	AUTHORIZED BY	Matthew Ridsdale
CUSTOMER #	20306	FILING DATE	05/15/2019
CORRESPONDENCE ADDRESS	-	FIRST NAMED INVENTOR	Hans Maarten Stokking

Payment Information

PAYMENT METHOD CARD / 1002	PAYMENT TRANSACTION ID E202552E05089353	PAYMENT AUTHORIZED BY Matthew Ridsdale
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FEE CODE	DESCRIPTION	ITEM PRICE(\$)	QUANTITY	ITEM TOTAL(\$)
1511	REISSUE ISSUE FEE	1290.00	1	1290.00
TOTAL AMOUNT:				\$1,290.00

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.

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PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), by mail or fax, or via the USPTO patent electronic filing system.

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

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

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

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

20306 7590 04/28/2025
MCDONNELL BOEHNNEN HULBERT & BERGHOFF LLP
300 S. WACKER DRIVE
32ND FLOOR
CHICAGO, IL 60606

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 the USPTO patent electronic filing system or by facsimile to (571) 273-2885, on the date below.

Matthew T. Ridsdale	(Typed or printed name)
/Matthew T. Ridsdale/	(Signature)
May 2, 2025	(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
16/413,052	05/15/2019	Hans Maarten Stokking	10-406-CON-REI	9330

TITLE OF INVENTION: Method and System for Transmitting a Multimedia Stream

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	UNDISCOUNTED	\$1290	\$0.00	\$0.00	\$1290	07/28/2025

EXAMINER	ART UNIT	CLASS-SUBCLASS
HENEGHAN, MATTHEW E	3992	709-203000

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.

McDonnell Boehnen
Hulbert & Berghoff LLP

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

Koninklijke KPN N.V.

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

Rotterdam, NL

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

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

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

☐ Electronic Payment via the USPTO patent electronic filing system ☐ 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. 132490

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 /Matthew T Ridsdale/

Date May 2, 2025

Typed or printed name Matthew T. Ridsdale

Registration No. 56,832

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

(Attorney Docket No. 10-406-CON-REI)

First Named Inventor:
Hans Maarten Stokking

Pat. App. No.: 16/413,052

Filed: 15 May 2019

Title: Method and System for Transmitting a
Multimedia Stream

Group Art Unit: 3992

Examiner: Matthew E. Heneghan

Confirmation No.: 9330

Commissioner for Patents
P.O. Box 1451
Alexandria, Virginia 22313-1450

COMMENTS ON STATEMENT OF REASONS FOR ALLOWANCE

Applicant expresses appreciation for the Examiner's allowance of the present application.

Applicant understands that the Examiner has thoroughly examined the claims and prior art of record and has concluded that the art of record, whether considered alone or in combination, fails to disclose or suggest the entirety of each combination of steps and/or structure recited by each of the allowed claims, that the Examiner has found each claim as a whole to patentably distinguish over the art of record, and that patentability of the claims does not necessarily rest on only the aspects that the Examiner listed in the statement of reasons for allowance.

Date: May 2, 2025

Respectfully submitted,

McDonnell Boehnen Hulbert & Berghoff LLP

By: /Matthew T. Ridsdale/
Matthew T. Ridsdale
Reg. No. 56,832
(312) 913-0001



UNITED STATES PATENT AND TRADEMARK OFFICE

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

NOTICE OF ALLOWANCE AND FEE(S) DUE

20306 7590 04/28/2025
MCDONNELL BOEHNEN HULBERT & BERGHOFF LLP
300 S. WACKER DRIVE
32ND FLOOR
CHICAGO, IL 60606

EXAMINER

HENEGHAN, MATTHEW E

ART UNIT

PAPER NUMBER

3992

DATE MAILED: 04/28/2025

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
16/413,052	05/15/2019	Hans Maarten Stokking	10-406-CON-REI	9330

TITLE OF INVENTION: Method and System for Transmitting a Multimedia Stream

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	UNDISCOUNTED	\$1290	\$0.00	\$0.00	\$1290	07/28/2025

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

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

HOW TO REPLY TO THIS NOTICE:

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

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

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

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

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

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

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

PART B - FEE(S) TRANSMITTAL

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300 S. WACKER DRIVE
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CHICAGO, IL 60606

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

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
16/413,052	05/15/2019	Hans Maarten Stokking	10-406-CON-REI	9330

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EXAMINER	ART UNIT	CLASS-SUBCLASS
HENEGHAN, MATTHEW E	3992	709-203000

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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 _____

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(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)

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Authorized Signature _____

Date _____

Typed or printed name _____

Registration No. _____



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
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16/413,052	05/15/2019	Hans Maarten Stokking	10-406-CON-REI	9330
20306	7590	04/28/2025	EXAMINER	
MCDONNELL BOEHNEN HULBERT & BERGHOFF LLP			HENEGHAN, MATTHEW E	
300 S. WACKER DRIVE			ART UNIT	
32ND FLOOR			PAPER NUMBER	
CHICAGO, IL 60606			3992	

DATE MAILED: 04/28/2025

Determination of Patent Term Extension or Adjustment under 35 U.S.C. 154 (b)

A reissue patent is for "the unexpired part of the term of the original patent." See 35 U.S.C. 251. Accordingly, the above-identified reissue application is not eligible for Patent Term Extension or Adjustment under 35 U.S.C. 154(b).

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. The United States Patent and Trademark Office (USPTO) collects the information in this record under authority of 35 U.S.C. 2. The USPTO's system of records is used to manage all applicant and owner information including name, citizenship, residence, post office address, and other information with respect to inventors and their legal representatives pertaining to the applicant's/owner's activities in connection with the invention for which a patent is sought or has been granted. The applicable Privacy Act System of Records Notice for the information collected in this form is COMMERCE/PAT-TM-7 Patent Application Files, available in the Federal Register at 78 FR 19243 (March 29, 2013).

<https://www.govinfo.gov/content/pkg/FR-2013-03-29/pdf/2013-07341.pdf>

Routine uses of the information in this record may include disclosure to:

- 1) law enforcement, in the event that the system of records indicates a violation or potential violation of law;
- 2) a federal, state, local, or international agency, in response to its request;
- 3) a contractor of the USPTO having need for the information in order to perform a contract;
- 4) the Department of Justice for determination of whether the Freedom of Information Act (FOIA) requires disclosure of the record;
- 5) a Member of Congress submitting a request involving an individual to whom the record pertains, when the individual has requested the Member's assistance with respect to the subject matter of the record;
- 6) a court, magistrate, or administrative tribunal, in the course of presenting evidence, including disclosures to opposing counsel in the course of settlement negotiations;
- 7) the Administrator, General Services Administration (GSA), or their designee, during an inspection of records conducted by GSA under authority of 44 U.S.C. 2904 and 2906, in accordance with the GSA regulations and any other relevant (i.e., GSA or Commerce) directive, where such disclosure shall not be used to make determinations about individuals;
- 8) 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));
- 9) the Office of Personnel Management (OPM) for personnel research purposes; and
- 10) the Office of Management and Budget (OMB) for legislative coordination and clearance.

If you do not furnish the information requested on this form, the USPTO may not be able to process and/or examine your submission, which may result in termination of proceedings, abandonment of the application, and/or expiration of the patent.

Notice of Allowability	Application No. 16/413,052	Applicant(s) Stokking et al.	
	Examiner MATTHEW E HENEGHAN	Art Unit 3992	AIA (FITF) Status No

-- 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 the amendment filed 3/3/25.
☐ 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 See Continuation Sheet. 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. 12808665.
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)	5. ☐ Examiner's Amendment/Comment
2. ☒ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date <u>3/3/25</u> .	6. ☒ Examiner's Statement of Reasons for Allowance
3. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material _____.	7. ☐ Other _____.
4. ☐ Interview Summary (PTO-413), Paper No./Mail Date. _____.	

	/MATTHEW E HENEGHAN/ Primary Examiner, Art Unit 3992
--	---

Continuation of 3. The allowed claim(s) is/are: 1-6,8-12,15,23 and 27

DETAILED ACTION

Notice of Pre-AIA or AIA Status

1. The present application is being examined under the pre-AIA first to invent provisions.
2. For reissue applications filed on or after September 16, 2012, all references to 35 U.S.C. 251 and 37 CFR 1.172, 1.175, and 3.73 are to the current provisions.

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 3 March 2025 has been entered.

Priority

4. The instant application is a broadening reissue of U.S. Patent Application No. 14/015,765, filed 30 August 2013, now U.S. Patent No. 9,654,330 (hereinafter the '330 patent), issued 16 May 2017. The '330 patent was filed as a continuation of U.S. Patent

Application No. 12/808,665, filed 16 June 2010, now U.S. Patent No. 8,549,151 (hereinafter the '151 patent), which was a national stage entry of PCT application PCT/EP08/11014, filed 22 December 2008, which claimed priority to Provisional U.S. Patent Application No. 61/008,664, filed 21 December 2007, and foreign priority to European Patent Application No. EP08002517.4, filed 21 February 2008.

Claim Status

5. In response to the previous Office Action, Applicant has amended claims 1, 16-21, and 23 and cancelled claims 24-26. Claims 1-6, 8-12, 15-23, and 27 have been examined.

Allowable Subject Matter

6. Claims 1-6, 8-12, 15-23, and 27 are allowed.

7. The following is an examiner's statement of reasons for allowance: Regarding claims 1, 16, and 17, the closest art, Nguyenphu, discloses a multimedia session between the first and second terminals, with the gateway merely acting as a relay, but not a multimedia session that is simply between the first terminal and gateway. No other art could be found that disclosed the claimed limitations such that the first, second, and third protocols are all different.

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

Conclusion

9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to MATTHEW E HENEGHAN whose telephone number is (571)272-3834. The examiner can normally be reached M-F 8-5.

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, Michael Fuelling can be reached on (571)270-1367. 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.

/MATTHEW E HENEGHAN/
Primary Examiner, Art Unit 3992

Conferees:
/Ovidio Escalante
Primary Examiner, Art Unit 3992

/MICHAEL FUELLING/
Supervisory Patent Examiner, Art Unit 3992

<i>Search Notes</i> 	Application/Control No. 16/413,052	Applicant(s)/Patent Under Reexamination Stokking et al.
	Examiner MATTHEW E HENEGHAN	Art Unit 3992

CPC - Searched*		
Symbol	Date	Examiner
H04L29/08522,06517;H04L65/1069,1006,4076,104,103,1016,608	01/07/2021	MH
H04L67/1091;H04L69/08	01/07/2021	MH

CPC Combination Sets - Searched*		
Symbol	Date	Examiner

US Classification - Searched*			
Class	Subclass	Date	Examiner

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

Search Notes		
Search Notes	Date	Examiner
EAST keyword and class searches	01/07/2021	MH
Review of previous search	08/10/2021	MH
PE2E Update search, see notes	07/22/2022	MH
NPL search	07/22/2022	MH
Update Searches, Global Dossier, PTAB searches	03/08/2023	MH
PE2E, Google searches, Global Dossier, PTAB searches	02/08/2024	MH
PE2E, PTAB, Global Dossier Update Searches	08/20/2024	MH
Update searches	04/22/2025	MH

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<i>Search Notes</i> 	Application/Control No. 16/413,052	Applicant(s)/Patent Under Reexamination Stokking et al.
	Examiner MATTHEW E HENEGHAN	Art Unit 3992

Interference Search			
US Class/CPC Symbol	US Subclass/CPC Group	Date	Examiner
H04L	29/08522,06517;65/ 1069,1006,4076,104,103,1016,608	04/22/2025	MH
H04L	67/1091;69/08	04/22/2025	MH

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Issue Classification 	Application/Control No. 16/413,052	Applicant(s)/Patent Under Reexamination Stokking et al.
	Examiner MATTHEW E HENEGHAN	Art Unit 3992

CPC						
Symbol					Type	Version
H04L	/	65	/	103	F	2013-01-01
H04L	/	69	/	08	I	2013-01-01
H04L	/	67	/	1091	I	2013-01-01
H04L	/	65	/	1104	I	2022-05-01
H04L	/	65	/	1069	I	2013-01-01
H04L	/	65	/	104	I	2013-01-01
H04L	/	65	/	611	I	2022-05-01
H04L	/	65	/	65	A	2022-05-01
H04L	/	65	/	1016	A	2013-01-01

CPC Combination Sets				
Symbol	Type	Set	Ranking	Version
/				

NONE		Total Claims Allowed:	
(Assistant Examiner)	(Date)	21	
/MATTHEW E HENEGHAN/ Primary Examiner, Art Unit 3992	22 April 2025	O.G. Print Claim(s)	O.G. Print Figure
(Primary Examiner)	(Date)	1	7

U.S. Patent and Trademark Office

Part of Paper No.: 20250416

Issue Classification 	Application/Control No. 16/413,052	Applicant(s)/Patent Under Reexamination Stokking et al.
	Examiner MATTHEW E HENEGHAN	Art Unit 3992

INTERNATIONAL CLASSIFICATION			
CLAIMED			
G06F		15	16
H04L		29	06
H04L		29	08
NON-CLAIMED			

US ORIGINAL CLASSIFICATION	
CLASS	SUBCLASS

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

NONE		Total Claims Allowed:	
(Assistant Examiner)	(Date)	21	
/MATTHEW E HENEGHAN/ Primary Examiner, Art Unit 3992	22 April 2025	O.G. Print Claim(s)	O.G. Print Figure
(Primary Examiner)	(Date)	1	7

U.S. Patent and Trademark Office

Part of Paper No.: 20250416

Issue Classification 	Application/Control No. 16/413,052	Applicant(s)/Patent Under Reexamination Stokking et al.
	Examiner MATTHEW E HENEGHAN	Art Unit 3992

☐ Claims renumbered in the same order as presented by applicant ☐ CPA ☐ T.D. ☐ R.1.47															
CLAIMS															
Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original
1	1	11	11	22	22										
2	2	12	12	23	23										
3	3	15	15	24	27										
4	4	16	16												
5	5	17	17												
6	6	18	18												
8	8	19	19												
9	9	20	20												
10	10	21	21												

NONE	Total Claims Allowed:	
(Assistant Examiner)	(Date)	21
/MATTHEW E HENEGHAN/ Primary Examiner, Art Unit 3992	22 April 2025	O.G. Print Claim(s)
(Primary Examiner)	(Date)	1
		O.G. Print Figure
		7

<i>Index of Claims</i> 	Application/Control No. 16/413,052	Applicant(s)/Patent Under Reexamination Stokking et al.
	Examiner MATTHEW E HENEGHAN	Art Unit 3992

✓	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	01/07/2021	08/10/2021	07/22/2022	03/08/2023	02/08/2024	08/20/2024	04/21/2025		
1	1	✓	✓	=	✓	✓	○	=		
2	2	✓	✓	=	○	✓	○	=		
3	3	✓	✓	=	✓	✓	○	=		
4	4	✓	✓	=	✓	✓	○	=		
5	5	✓	✓	=	✓	✓	○	=		
6	6	✓	✓	=	✓	✓	○	=		
	7	✓	✓	-	-	-	-	-		
8	8	✓	✓	=	✓	✓	○	=		
9	9	✓	✓	=	○	✓	○	=		
10	10	✓	✓	=	✓	✓	○	=		
11	11	✓	✓	=	✓	✓	○	=		
12	12	✓	✓	=	✓	✓	○	=		
	13	✓	✓	-	-	-	-	-		
	14	✓	✓	-	-	-	-	-		
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16	16	✓	✓	=	✓	✓	○	=		
17	17	✓	✓	=	✓	✓	○	=		
18	18	✓	✓	=	○	✓	○	=		
19	19	✓	✓	=	✓	✓	○	=		
20	20	✓	✓	=	○	✓	○	=		
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22	22	✓	✓	=	○	✓	○	=		
23	23	✓	✓	✓	✓	✓	✓	=		
	24	N	N	N	N	N	N	-		
	25	N	N	N	N	N	N	-		
	26	N	N	N	N	N	N	-		
24	27	✓	✓	✓	✓	✓	✓	=		

United States Patent And Trademark Office <u>Reissue Terminal Disclaimer Review Form</u>	Application No. 16/413,052 Examiner MATTHEW E HENEGHAN	Art Unit 3992 AIA Status No
Original Patent Number of Patent to be Reissued is: <u>9654330</u>	The Maintenance fee status is: ☒ up to date ☐ not up to date (Consult with SPRS)	
Is there a terminal disclaimer filed and <u>accepted</u> during the prosecution of (i) the current reissue application, (ii) the underlying patent, and/or (iii) reexamination proceeding(s) of the underlying patent? ☐ NO ☒ YES (Complete the rest of the form) The reissue patent is subject to Terminal Disclaimer(s) that was/were: ☐ filed and accepted (DISQ or DISQ.E.FILE) during the prosecution of the current reissue application. (Enter terminal disclaimer(s) filing date(s) below). 1. _____ 2. _____ 3. _____ The underlying patent of the current reissue application is subject to Terminal Disclaimer(s) that was/were: ☒ accepted (DISQ or DISQ.E.FILE) and of record in the prosecution of the underlying patent and/or reexamination proceeding(s) of the underlying patent. (Enter application/control no(s) and terminal disclaimer(s) filing date(s) below). 1. <u>14015765</u> <u>20 September 2016</u> 2. _____ 3. _____		

Bibliographic Data

Application No: 16/413,052

Foreign Priority claimed: ☒ Yes ☐ No

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

Verified and Acknowledged: /MATTHEW E HENEGHAN/

Examiner's Signature

Initials

Title: Method and System for Transmitting a Multimedia Stream

FILING or 371(c) DATE	CLASS	GROUP ART UNIT	ATTORNEY DOCKET NO.
05/15/2019	709	3992	10-406-CON-REI
RULE			

APPLICANTS

Koninklijke KPN N.V., Rotterdam, NETHERLANDS

INVENTORS

Hans Maarten Stokking, The Hague, NETHERLANDS

Mattijs Oskar Van Deventer, Leidschendam, NETHERLANDS

Fabian Arthur Walraven, Groningen, NETHERLANDS

Omar Aziz Niamut, Vlaardingen, NETHERLANDS

CONTINUING DATA

This application is a REI of 14015765 08/30/2013 PAT 9654330

14015765 is a CON of 12808665 06/16/2010 PAT 8549151

12808665 is a 371 of PCT/EP2008/011014 12/22/2008

PCT/EP2008/011014 has PRO of 61008644 12/21/2007

FOREIGN APPLICATIONS

EPO EP08002517.4 02/12/2008

IF REQUIRED, FOREIGN LICENSE GRANTED**

05/16/2019

STATE OR COUNTRY

NETHERLANDS

ADDRESS

MCDONNELL BOEHNEN HULBERT & BERGHOFF LLP

300 S. WACKER DRIVE

32ND FLOOR

CHICAGO, IL 60606

UNITED STATES

FILING FEE RECEIVED

\$4,320

PE2E SEARCH - Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	British Equivalents	Time Stamp
L101	4	("7724691" "8068460" "20040184432" "20060271687").pn.	(US-PGPUB; USPAT)	OR	ON	ON	2025/04/11 12:15 PM
L102	16899	(h04l69/08).cpc.	(US-PGPUB; USPAT; DERWENT)	OR	OFF	OFF	2025/04/22 08:48 AM
L103	1686	(h04l67/1091).cpc.	(US-PGPUB; USPAT; DERWENT)	OR	OFF	OFF	2025/04/22 08:49 AM
L104	53710	(h04l65/1069,1006,407 6,104,103,1016,608).cpc.	(US-PGPUB; USPAT; DERWENT)	OR	OFF	OFF	2025/04/22 08:49 AM
L105	90	(h04l29/08522,06517).cpc.	(US-PGPUB; USPAT; DERWENT)	OR	OFF	OFF	2025/04/22 08:49 AM
L106	27	(h04n21/4108).cpc. AND @ad<"20071221" AND gateway AND (session stream)	(US-PGPUB; USPAT; DERWENT)	OR	OFF	OFF	2025/04/22 08:50 AM

PE2E SEARCH - Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	British Equivalents	Time Stamp
N1	8808	(h04l69/08).cpc.	(US-PGPUB; USPAT)	OR	OFF	OFF	2025/04/22 08:50 AM
N2	1081	(h04l67/1091).cpc.	(US-PGPUB; USPAT)	OR	OFF	OFF	2025/04/22 08:50 AM
N3	27554	(h04l65/1069,1006,407 6,104,103,1016,608).cpc.	(US-PGPUB; USPAT)	OR	OFF	OFF	2025/04/22 08:50 AM
N4	0	(h04l29/08522,06517).cpc.	(US-PGPUB; USPAT)	OR	OFF	OFF	2025/04/22 08:51 AM

Doc code: IDS

Doc description: Information Disclosure Statement (IDS) Filed

PTO/SB/08 (01-25)

Approved for use through 11/30/2027. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application Number	16413052
	Filing Date	2019-05-15
	First Named Inventor	Hans Maartan Stokking
	Art Unit	3992
	Examiner Name	Heneghan, Matthew E
	Attorney Docket Number	10-406-CON-REI

U.S. PATENTS							Remove	
Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Inventor of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear		
	1	7724691		2010-05-25	Mela et al.			
	2	8068460 ~~80068460~~		2011-11-29	Fajardo et al.			
If you wish to add additional U.S. Patent citation information, please click the Add button.							Add	
U.S. PATENT APPLICATION PUBLICATIONS							Remove	
Examiner Initial*	Cite No	Publication Number	Kind Code ¹	Publication Date	Name of Inventor or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear		
	1	20040184432		2004-09-23	Gateva et al.			
	2	20060271687		2006-11-30	Alston et al.			
If you wish to add additional U.S. Published Application citation information, please click the Add button.							Add	
FOREIGN PATENT DOCUMENTS							Remove	
Examiner Initial*	Cite No	Foreign Document Number ³	Country Code ²	Kind Code ⁴	Publication Date	Name of Patentee or Applicant of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear	T ⁵
	1							☐

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application Number		16413052
	Filing Date		2019-05-15
	First Named Inventor	Hans Maartan Stokking	
	Art Unit	3992	
	Examiner Name	Heneghan, Matthew E	
	Attorney Docket Number	10-406-CON-REI	

If you wish to add additional Foreign Patent Document citation information, please click the Add button				Add
NON-PATENT LITERATURE DOCUMENTS				Remove
Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T5	
	1	Petition for Inter Partes Review of U.S. Patent No. 8,549,151, Samsung Electronics America, Inc., Samsung Electronics Co., Ltd., v. Koninklijke KPN N.V., Case No. IPR2025-00504 filed on January 20, 2025, 89 pages.		☐
	2	Petitioner's Exhibit 1003 from Petition for Inter Partes Review of U.S. Patent 8,549,151 entitled "Declaration of Kevin Almeroth, Ph. D.," 168 pages.		☐
	3	Petitioner's Exhibit 1006 from Petition for Inter Partes Review of U.S. Patent 8,549,151 entitled "'An Evaluation of Session Initiation Protocol (SIP) for use in Streaming Media Applications," Whitehead, et al., February 2006, (available at https://datatracker.ietf.org/doc/draft-whitehead-sip-for-streaming-media/) ("Whitehead"), 18 pages.		☐
	4	Petitioner's Exhibit 1008 from Petition for Inter Partes Review of U.S. Patent 8,549,151 entitled "IETF RFC 2326 ("RFC2326") (https://datatracker.ietf.org/doc/html/rfc2326)," 92 pages.		☐
	5	Petitioner's Exhibit 1009 from Petition for Inter Partes Review of U.S. Patent 8,549,151 entitled "IETF RFC 2396, ("RFC2396") (https://datatracker.ietf.org/doc/html/rfc2396)," 40 pages.		☐
	6	Petitioner's Exhibit 1010 from Petition for Inter Partes Review of U.S. Patent 8,549,151 entitled "Curriculum Vitae of Kevin Almeroth, Ph. D.," 40 pages.		☐
	7	Petitioner's Exhibit 1011 from Petition for Inter Partes Review of U.S. Patent 8,549,151 entitled "IETF RFC 2616 ("RFC2616") (https://datatracker.ietf.org/doc/html/rfc2616)," 176 pages.		☐
	8	Petitioner's Exhibit 1014 from Petition for Inter Partes Review of U.S. Patent 8,549,151 entitled "IETF RFC 2543 ("RFC2543") (https://www.ietf.org/rfc/rfc2543.txt)," 153 pages.		☐
	9	Petitioner's Exhibit 1015 from Petition for Inter Partes Review of U.S. Patent 8,549,151 entitled "IETF RFC 2327 ("RFC2327") (https://www.ietf.org/rfc/rfc2327.txt)," 42 pages.		☐

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application Number	16413052
	Filing Date	2019-05-15
	First Named Inventor	Hans Maartan Stokking
	Art Unit	3992
	Examiner Name	Heneghan, Matthew E
	Attorney Docket Number	10-406-CON-REI

10	Petitioner's Exhibit 1016 from Petition for Inter Partes Review of U.S. Patent 8,549,151 entitled "IETF RFC 3261 (RFC3261)" (https://www.ietf.org/rfc/rfc3261.txt), 269 pages.	☐
11	Petitioner's Exhibit 1017 from Petition for Inter Partes Review of U.S. Patent 8,549,151 entitled "IETF RFC 1889 (RFC1889)" (https://www.ietf.org/rfc/rfc1889.txt), 75 pages.	☐
12	Petitioner's Exhibit 1018 from Petition for Inter Partes Review of U.S. Patent 8,549,151 entitled "'Enterprising with SIP — A Technical Overview" — White Paper published by Avaya ("Avaya"), 34 pages.	☐

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

EXAMINER SIGNATURE

Examiner Signature	/MATTHEW E HENEGHAN/	Date Considered	04/11/2025
--------------------	----------------------	-----------------	------------

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

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

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application Number	16413052
	Filing Date	2019-05-15
	First Named Inventor	Hans Maartan Stokking
	Art Unit	3992
	Examiner Name	Heneghan, Matthew E
	Attorney Docket Number	10-406-CON-REI

TIMING STATEMENT

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

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

OR

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

☐ See attached timing statement under 37 CFR 1.97(e).

☐ A timing statement under 37 CFR 1.97(e) is not submitted herewith.

TIMING FEE

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

COPIES

☐ An identification of an earlier application pursuant to 37 CFR 1.98(d)(1) is attached.

SIZE FEE ASSERTION

Please see 37 CFR 1.17(v) and the [IDS Auto-Load Instructions](#) for completing this form to make the appropriate selection of an assertion under 37 CFR 1.98. For the information disclosure statement (IDS) submitted herewith, the applicant or patent owner certifies the following with respect to the cumulative number of applicant-provided or patent-owner provided items of information submitted to date including those in the accompanying IDS (select only one):

☐ No IDS size fee is required under 37 CFR 1.17(v) at this time.

☐ The IDS is accompanied by the IDS size fee under 37 CFR 1.17(v)(1).

☒ The IDS is accompanied by the IDS size fee under 37 CFR 1.17(v)(2).

☐ The IDS is accompanied by the IDS size fee under 37 CFR 1.17(v)(3).

SIGNATURE

A signature of the applicant or representative is required in accordance with 37 CFR 1.33 and 11.18. Please see 37 CFR 1.4(d) for the form of the signature.

Signature	Matthew T Ridsdale	Date (YYYY-MM-DD)	2025-03-03
Name/Print	/Matthew T. Ridsdale/	Registration Number	56,832

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application Number	16413052
	Filing Date	2019-05-15
	First Named Inventor	Hans Maartan Stokking
	Art Unit	3992
	Examiner Name	Heneghan, Matthew E
	Attorney Docket Number	10-406-CON-REI

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

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SUBJECT: USPTO: Patent Electronic System - Correspondence Notification for Customer Number 20306

Mon Apr 28 05:01:51 EDT 2025

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Correspondence Address:

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Application	Document	Mailroom Date	Attorney Docket No.
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16413052	1449	04/28/2025	10-406-CON-REI

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
16/413,052	05/15/2019	Hans Maarten Stokking	10-406-CON-REI	9330
20306 7590 03/07/2025 MCDONNELL BOEHNEN HULBERT & BERGHOFF LLP 300 S. WACKER DRIVE 32ND FLOOR CHICAGO, IL 60606			EXAMINER HENEGHAN, MATTHEW E	
			ART UNIT	PAPER NUMBER
			3992	
			NOTIFICATION DATE	DELIVERY MODE
			03/07/2025	ELECTRONIC

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<i>Applicant-Initiated Interview Summary</i>	Application No. 16/413,052	Applicant(s) Stokking et al.		
	Examiner MATTHEW E HENEGHAN	Art Unit 3992	AIA (First Inventor to File) Status No	Page 1 of 1

All Participants (applicant, applicants representative, PTO personnel)	Title	Type
MATTHEW E HENEGHAN	Primary Examiner	Video Conference
MICHAEL FUELLING	SPE	
OVIDIO ESCALANTE	Primary Examiner	
MATTHEW RISDALE	Attorney of Record	

Date of Interview: 27 February 2025

Issues Discussed:

Proposed Amendment(s)

The Attorney inquired as to the suitability of a proposed amendment to the claims. The Examiner stated that the proposed amendment to claim 23 would be constructed differently than it had been previously because it would encompass more than a single terminal, and that the stated grounds of rejection would be withdrawn; however, additional searching would be required before the claim could be deemed allowable. The Examiner also noted that the preamble of claim 23 as proposed was worded such that it was unclear as to whether the gateway would be part of the claimed system. The Examiner also noted that proposed claim 27 was indefinite in scope and that several proposed claims had incorrect status identifiers or were not marked in accordance with reissue practice.

☒ Attachment

/OVIDIO ESCALANTE/ Primary Examiner, Art Unit 3992	/MATTHEW E HENEGHAN/ Primary Examiner, Art Unit 3992
Applicant is reminded that a complete written statement as to the substance of the interview must be made of record in the application file. It is the applicants responsibility to provide the written statement, unless the interview was initiated by the Examiner and the Examiner has indicated that a written summary will be provided. See MPEP 713.04 Please further see: MPEP 713.04 Title 37 Code of Federal Regulations (CFR) § 1.133 Interviews, paragraph (b) 37 CFR § 1.2 Business to be transacted in writing	

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

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

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

(Attorney Docket No. 10-406-CON-REI)

First Named Inventor: Hans Maarten Stokking

Application No.: 16/413,052

Filed: 05/15/2019

Title: METHOD AND SYSTEM FOR
TRANSMITTING A MULTIMEDIA
STREAM

**FILED VIA PATENT
CENTER ON
FEBRUARY XX, 2025**

Art Unit: 3992

Confirmation No.: 9330

Examiner: Heneghan, Matthew E.

**RESPONSE AFTER FINAL ACCOMPANYING
A REQUEST FOR CONTINUED EXAMINATION**

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

Applicant provides this submission in response to the final Office Action dated September 3, 2024 and the Advisory Action dated February 3, 2025 along with a Request for Continued Examination and requisite fees. Applicant submits the following claims and remarks. The claims begin on page 2, and the remarks begin on page 8.

Applicant generally authorizes the Office to charge any underpayment or credit any overpayment to Deposit Account No. 132490, and to treat any communication in this matter that requires an extension of time as incorporating a request for such an extension.

AMENDMENTS TO THE CLAIMS

The following is a complete listing of the claims:

1. (Currently Amended) A method, wherein a gateway is capable of communicating with a first terminal and a second terminal, the method comprising:
 - the gateway or the first terminal using a first protocol to exchange first multimedia session information between the first terminal and the gateway, wherein the exchange of the first multimedia session information establishes a first multimedia session between the first terminal and the gateway according to the first protocol and sets up a first media stream from the first terminal, and wherein the first multimedia session information includes a type of media;
 - the second terminal using a second protocol to receive a trigger provided by the gateway or first terminal, wherein the trigger is to initiate an exchange of second multimedia session information between the gateway and the second terminal, and wherein the trigger serves to inform the second terminal of availability of a new multimedia stream;
 - in response to receiving the trigger, the second terminal using a third protocol to initiate the exchange of the second multimedia session information between the gateway and the second terminal, wherein the exchange of the second multimedia session information establishes a second multimedia session according to the third protocol and sets up a second media stream to the second terminal in which the second terminal participates; and
 - the second terminal receiving the second media stream, wherein the second media stream is associated with the first media stream,
 - wherein the first protocol, the second protocol, and the third protocol are all different.
2. (Original) The method according to claim 1, wherein the exchange of the first multimedia session information comprises:
 - the gateway providing to the first terminal at least part of the second multimedia session information.

3. (Original) The method according to claim 1, wherein the exchange of the second multimedia session information comprises:

the gateway providing to the second terminal at least part of the first multimedia session information.

4. (Original) The method according to claim 1, wherein the exchange of the first multimedia session information comprises:

the gateway receiving, from the first terminal, an identifier of the second terminal.

5. (Original) The method according to claim 4, further comprising:

before using the second protocol to provide the trigger to the second terminal, the gateway resolving the identifier of the second terminal into a network address of the second terminal.

6. (Original) The method according to claim 5, wherein providing the trigger to the second terminal comprises the gateway transmitting the trigger to the resolved network address of the second terminal.

7. (Canceled)

8. (Original) The method of claim 1, wherein the first multimedia stream is the second multimedia stream.

9. (Original) The method of claim 1, wherein the first protocol is a peer-to-peer protocol.

10. (Original) The method of claim 1, wherein the third protocol is a client-server protocol, and wherein the second [receiving] terminal has client capabilities of the third protocol and not server capabilities of the third protocol.

11. (Original) The method of claim 1, wherein the trigger comprises a network address of the gateway.

12. (Original) The method of claim 11, wherein the network address is a URI or a URI reference.

13. (Canceled)

14. (Canceled)

15. (Original) The method of claim 1, wherein the gateway is configured to associate the first multimedia session information with the second multimedia session information.

16. (Currently Amended) An article of manufacture including a non-transitory computer-readable medium, having stored thereon software instructions that, if executed by a computing device, cause the computing device to perform operations comprising:

using a first protocol to initiate an exchange of first multimedia session information between a first terminal and a gateway, wherein the exchange of the first multimedia session information establishes a first multimedia session between the first terminal and the gateway according to the first protocol and sets up a first media stream from the first terminal, and wherein the first multimedia session information includes a type of media;

using a second protocol to provide a trigger to a second terminal, wherein the trigger is to initiate an exchange of second multimedia session information between the gateway and the second terminal, and wherein the trigger serves to inform the second terminal of availability of a new multimedia stream;

using a third protocol to conduct the exchange of the second multimedia session information between the gateway and the second terminal, wherein the exchange of the second multimedia session information establishes a second multimedia session according to the third protocol and sets up a second media stream to the second terminal in which the second terminal participates; and

using the first protocol to transmit a response to the first terminal, wherein the response causes the first terminal to begin transmission of the first media stream from the first terminal, wherein the second media stream to the second terminal is associated with the first media stream from the first terminal.

wherein the first protocol, the second protocol, and the third protocol are all different.

17. (Currently Amended) A gateway comprising:
a communication interface; and
memory that stores software instructions that, when executed by the gateway, cause the gateway to:

(i) exchange first multimedia session information with a first terminal using a first protocol, wherein the exchange of the first multimedia session information establishes a first multimedia session according between the first terminal and the gateway to the first protocol and sets up a first media stream from the first terminal, and wherein the first multimedia session information includes a type of media,

(ii) provide a trigger to a second terminal, wherein the trigger is provided using a second protocol, in response to which the second terminal is able to initiate exchange of second multimedia session information with the gateway, and wherein the trigger serves to inform the second terminal of availability of a new multimedia stream, and

(iii) exchange second multimedia session information with the second terminal, using a third protocol, ~~wherein the third protocol is different from the first protocol,~~ wherein the exchange of the second multimedia session information establishes a second multimedia session according to the third protocol and sets up a second media stream to the second terminal in which the second terminal participates,

wherein the first protocol, the second protocol, and the third protocol are all different.

18. (Currently Amended) The gateway of claim 17, wherein the gateway is further configured to connect to [a] the first terminal supporting [a] the first protocol and to [a] the second terminal supporting [a] the second protocol,

wherein the first protocol is Session Initiation Protocol (SIP) and the second protocol is Real Time Streaming Protocol (RTSP),

wherein, in relation to the first protocol, the first terminal is an originating user-side SIP client,

wherein the gateway acts as a terminating SIP client,

wherein the gateway is further configured to confirm that the gateway is able to receive a multimedia session from ~~the user~~ the first terminal and to provide the first terminal with multimedia session information,

wherein, in relation to the second protocol, the second terminal is an RTSP client,

wherein the gateway acts as an RTSP server on behalf of the user, and

~~wherein the second terminal uses RTSP for session control, and~~

wherein the gateway is further configured to inform the second terminal that an incoming session is pending and notify the RTSP client to connect to an RTSP server function of the gateway.

19. (Currently Amended) The gateway of claim 17, wherein the gateway is further configured to transmit a notification message to the second terminal in response to an invitation of the first terminal, in order to activate the second terminal to set up a second multimedia session between the second terminal and the gateway.

20. (Currently Amended) The gateway of claim 17, wherein the gateway is ~~embedded~~ further configured to operate in an IP Multi-Media Subsystem (IMS) network architecture, wherein the first protocol is Session Initiation Protocol (SIP), ~~wherein the third protocol is Real Time Streaming Protocol (RTSP), the IMS network architecture comprising a service control function component and a media function component,~~ wherein the memory of the gateway is distributed in the IMS network architecture, such that:

exchanging the first multimedia session information is handled by [the] a service-control-function component within the IMS network architecture;

triggering the second terminal is controlled by [the] a service-control-function component within the IMS network architecture; and

exchanging second multimedia session information is handled by [the] a media-function component within the IMS network architecture.

21. (Currently Amended) The gateway of claim 17, wherein the gateway is further configured to associate the first multimedia session information and the second multimedia session information with each other.

22. (Original) The gateway of claim 17, wherein the gateway further comprises Session Initiation Protocol (SIP) client functionality and Real Time Streaming Protocol (RTSP) server functionality.

23. (Currently Amended) A system comprising a first terminal and a second terminal, configured for communicating with a gateway, and wherein:

the gateway or the first terminal using a first protocol to exchange first multimedia session information between the first terminal and the gateway, wherein the exchange of the first multimedia session information establishes a first multimedia session between the first terminal and the gateway according to the first protocol and sets up a first media stream from the first terminal, and wherein the first multimedia session information includes a type of media;

the second terminal using a second protocol to receive a trigger provided by the gateway or first terminal, wherein the trigger is to initiate an exchange of second multimedia session information between the gateway and the second terminal, and wherein the trigger serves to inform the second terminal of availability of a new multimedia stream;

in response to receiving the trigger, the second terminal using a third protocol to initiate the exchange of the second multimedia session information between the gateway and the second terminal, wherein the exchange of the second multimedia session information establishes a second multimedia session according to the third protocol and sets up a second media stream to the second terminal in which the second terminal participates; and

the second terminal receiving the second media stream, wherein the second media stream is associated with the first media stream,

wherein the first protocol, the second protocol, and the third protocol are all different.

- 24. (Cancelled)
- 25. (Cancelled)
- 26. (Cancelled)
- 27. (Previously Presented) The system of claim 23, wherein the terminal is one of a personal computer, a PDA, or a mobile phone with multimedia capabilities.

REMARKS

I. Summary of the Office Action

The Office Action dated September 3, 2024 (“the Office Action”) and the Advisory Action dated February 3, 2025 made the following objections and/or rejections, each of which is addressed in more detail below:

Claims 1, 16, 17, and 23-27 have been objected to based on an alleged informality.

Claims 23, and 27 have been rejected under 35 U.S.C. 103 as being unpatentable over CN Patent Application Publication No. CN1393090 (*Mostafa*).

Claims 1-6, 8-12, and 15-22 have been indicated to be allowable.

II. Interview Summary

Applicant thanks Examiner Heneghan for the telephonic interview on February XX, 2025 (“the Interview”) with the Applicant’s representative Matthew Ridsdale (Reg. No. 56,832). Applicant appreciates the Examiner’s time in discussing the present application, the updated claims, the current rejections, and the cited art. Applicant submits that the substance of the Interview, is reflected within the amendments to the claims and the remarks presented herein.

III. Status of the Claims

The present application includes claims 1-6, 8-12, 15-23, and 27 with claims 24-26 having been withdrawn. By this Response, claims 1, 16-21, and 23 have been amended, and claims 24-26 have been cancelled without prejudice. Support for these amendments may be found at least a col. 12, lines 20-33, and FIGS. 5(a)-5(c) of the specification. Applicant respectfully submits that no new matter has been added by these amendments. Applicant expressly reserves the right to pursue the subject matter of the previously presented claims in a continuing application.

IV. Claim Objections

The Office Action has objected to claims 1, 16, 17, and 23-27 based on an alleged informality. In light of the amendment to claims, Applicant respectfully submits that the pending

objection has been rendered moot. Accordingly, Applicant submits that claims 1-6, 8-12, 15-23, and 27 are in condition for allowance. Applicant respectfully requests reconsideration and withdrawal of the pending objections.

V. Claim Rejections – 35 U.S.C. 102

Applicant now turns to the rejection of claims 23, and 27 under 35 U.S.C. 102 as being unpatentable over *Mostafa*. Applicant respectfully submits that the proposed combination does not teach or suggest the entirety of the features recited in the pending claims for at least the reasons discussed below. In particular, in light of the amendment of claim 23 to reflect the allowable subject matter identified in allowable independent claim 1, Applicant submits that the pending rejections based on *Mostafa* have been rendered moot.

Applicant respectfully submits that claims 1-6, 8-12, 15-23, and 27 are patentable over any combination of the relied upon references. Withdrawal and reconsideration of the pending rejections is hereby respectfully requested.

VI. Conclusion

Applicant submits that all of the stated grounds of objection and rejection have been respectfully traversed, accommodated, or rendered moot. Applicant therefore submits that the present application is in condition for allowance. If the Examiner believes that further dialogue would expedite consideration of the application, the Examiner is invited to contact the undersigned at 312.913.0001.

Respectfully submitted,
McDonnell Boehnen Hulbert and Berghoff LLP

Date: February XX, 2025

By: /Draft/
Matthew T. Ridsdale
Reg. No. 56,832

TO: docketing@mbhb.com
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16413052	OA.APPENDIX	03/07/2025	10-406-CON-REI

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APPLICATION # 16/413,052	RECEIPT DATE / TIME 03/03/2025 05:33:39 PM Z ET	ATTORNEY DOCKET # 10-406-CON-REI
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Title of Invention

Method and System for Transmitting a Multimedia Stream

Application Information

APPLICATION TYPE	Utility - Reissue	PATENT #	-
CONFIRMATION #	9330	FILED BY	Matthew Ridsdale
PATENT CENTER #	69415142	FILING DATE	05/15/2019
CUSTOMER #	20306	FIRST NAMED INVENTOR	Hans Maarten Stokking
CORRESPONDENCE ADDRESS	-	AUTHORIZED BY	Matthew Ridsdale

Documents

TOTAL DOCUMENTS: 19

DOCUMENT		PAGES	DESCRIPTION	SIZE (KB)
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RespToOA_03032025-A.NE.pdf	(1-1)	1	Response After Final Action	91 KB
RespToOA_03032025-CLM.pdf	(2-8)	7	Claims	106 KB
RespToOA_03032025-REM.pdf	(9-10)	2	Applicant Arguments/Remarks Made in an Amendment	131 KB
RCE.pdf		3	Request for Continued Examination (RCE)	1628 KB
IDS_03032025.pdf		6	Information Disclosure Statement (IDS) Form (SB08)	1315 KB

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NPL 2_2of2.pdf	88	Non Patent Literature	13854 KB

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NPL8.pdf	E6218C35C2735FC41DD49283E13C20C517E788A9F7524A9E8 88D9D8AB942A5FA516D04021A8DA6BB0DE2B7068F8CC8E4C 49ADC4E17EF5CECD4D6C5A6AB24EE3F
NPL11.pdf	A2927E252731140BE7DEE0E7C3B39D84E2BB88A8225ED8238 197B8C42928B6E3B810F710F1D40392D46247193556D7418CA 38E980B573ABD6A6FA58990506F2D
NPL6.pdf	AF91627FC948B78AA6E220295F98B54570E01355DE829C750 D6BBD2B825DC0CEFD94CF2A906275E8DE6794858FCBDD39 13D9B89F2AF62B4D040439F8947B5F71
NPL10.pdf	D5E6EC34E1552587F1178C17BFAD8EFF8D8E82E9AD2B4076 E1956E762F62D11CFDAB33C89C5CD26990823302F431DD7D 60F1E5B172BE37AD24203C67AA0AE356
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NPL1.pdf	55A2ED7CE4C26E8CB9EC61C0EF6C80EEA295EAEA7430E5C 140F2960A55135FC49B7A3229C847021B7A7D001EB3393938A F357C2622E3B732236762A71BFCBE5F
NPL 2_1of2.pdf	3F0C95BA4BE08D60D8AB79987F04BD1C3E1753E964F1C51A 080225B9D77C2BD0FF4D4C20686AC975C8FD6EB4569B46A4 19E5E45C65B38C469A3BFA02182FD237
NPL 2_2of2.pdf	252C61B175FF05997AF854555EF2213C3CA8A6FF1FEFFC43D 0333F9D429D22A2DF50E593C1A6FA7CE2DBEAE2EF13D693B

4361DCFA3C17AC3E0DB58582FBBF77EE

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

New Applications Under 35 U.S.C. 111

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

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

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

New International Application Filed with the USPTO as a Receiving Office

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

PETITION FOR EXTENSION OF TIME UNDER 37 CFR 1.136(a) (NOT for Provisional Applications)		Docket Number (Optional) 10-406-CON-REI																																		
Application Number 16413052	Filed 2019-05-15																																			
For Method and System for Transmitting a Multimedia Stream																																				
Art Unit 3992	Examiner MATTHEW E HENEGHAN																																			
This is a request under the provisions of 37 CFR 1.136(a) to extend the period for filing a reply in the above-identified application. The requested extension and fee are as follows (check time period desired and enter the appropriate fee below): <table style="width: 100%; border-collapse: collapse;"><thead><tr><th></th><th style="text-align: center;"><u>Fee</u></th><th style="text-align: center;"><u>Small Entity Fee</u></th><th style="text-align: center;"><u>Micro Entity Fee</u></th><th></th></tr></thead><tbody><tr><td>☐ One month (37 CFR 1.17(a)(1))</td><td style="text-align: center;">\$235</td><td style="text-align: center;">\$94</td><td style="text-align: center;">\$47</td><td>\$ _____</td></tr><tr><td>☐ Two months (37 CFR 1.17(a)(2))</td><td style="text-align: center;">\$690</td><td style="text-align: center;">\$276</td><td style="text-align: center;">\$138</td><td>\$ _____</td></tr><tr><td>☒ Three months (37 CFR 1.17(a)(3))</td><td style="text-align: center;">\$1,590</td><td style="text-align: center;">\$636</td><td style="text-align: center;">\$318</td><td>\$ 1590.00</td></tr><tr><td>☐ Four months (37 CFR 1.17(a)(4))</td><td style="text-align: center;">\$2,495</td><td style="text-align: center;">\$998</td><td style="text-align: center;">\$499</td><td>\$ _____</td></tr><tr><td>☐ Five months (37 CFR 1.17(a)(5))</td><td style="text-align: center;">\$3,395</td><td style="text-align: center;">\$1,358</td><td style="text-align: center;">\$679</td><td>\$ _____</td></tr></tbody></table> ☐ Applicant asserts small entity status. See 37 CFR 1.27. ☐ Applicant certifies micro entity status. See 37 CFR 1.29. Form PTO/SB/15A or B or equivalent must either be enclosed or have been submitted previously. ☐ A check in the amount of the fee is enclosed. ☐ Payment by credit card. Form PTO-2038 is attached. ☐ The Director has already been authorized to charge fees in this application to a Deposit Account. ☒ The Director is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account Number <u>132490</u>. ☒ Payment made via USPTO patent electronic filing system. WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038. I am the ☐ applicant. ☒ attorney or agent of record. Registration number <u>56832</u>. ☐ attorney or agent acting under 37 CFR 1.34. Registration number _____. <table style="width: 100%; border-collapse: collapse;"><tr><td style="width: 50%;"><u>/Matthew T. Ridsdale/</u> Signature</td><td style="width: 50%;"><u>March 3, 2025</u> Date</td></tr><tr><td><u>Matthew T. Ridsdale</u> Typed or printed name</td><td><u>56832</u> Telephone Number</td></tr></table> NOTE: This form must be signed in accordance with 37 CFR 1.33. See 37 CFR 1.4 for signature requirements and certifications. Submit multiple forms if more than one signature is required, see below*. ☒ * Total of <u>1</u> forms are submitted.				<u>Fee</u>	<u>Small Entity Fee</u>	<u>Micro Entity Fee</u>		☐ One month (37 CFR 1.17(a)(1))	\$235	\$94	\$47	\$ _____	☐ Two months (37 CFR 1.17(a)(2))	\$690	\$276	\$138	\$ _____	☒ Three months (37 CFR 1.17(a)(3))	\$1,590	\$636	\$318	\$ 1590.00	☐ Four months (37 CFR 1.17(a)(4))	\$2,495	\$998	\$499	\$ _____	☐ Five months (37 CFR 1.17(a)(5))	\$3,395	\$1,358	\$679	\$ _____	<u>/Matthew T. Ridsdale/</u> Signature	<u>March 3, 2025</u> Date	<u>Matthew T. Ridsdale</u> Typed or printed name	<u>56832</u> Telephone Number
	<u>Fee</u>	<u>Small Entity Fee</u>	<u>Micro Entity Fee</u>																																	
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<u>/Matthew T. Ridsdale/</u> Signature	<u>March 3, 2025</u> Date																																			
<u>Matthew T. Ridsdale</u> Typed or printed name	<u>56832</u> Telephone Number																																			

A Federal agency may not conduct or sponsor, and a person is not required to respond to, nor shall a person be subject to a penalty for failure to comply with an information collection subject to the requirements of the Paperwork Reduction Act of 1995, unless the information collection has a currently valid OMB Control Number. The OMB Control Number for this information collection is 0651-0031. Public burden for this form is estimated to average 24 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the information collection. Send comments regarding this burden estimate or any other aspect of this information collection, including suggestions for reducing this burden to the Chief Administrative Officer, United States Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450 or email InformationCollection@uspto.gov. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.** If filing this completed form by mail, 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.

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. The United States Patent and Trademark Office (USPTO) collects the information in this record under authority of 35 U.S.C. 2. The USPTO's system of records is used to manage all applicant and owner information including name, citizenship, residence, post office address, and other information with respect to inventors and their legal representatives pertaining to the applicant's/owner's activities in connection with the invention for which a patent is sought or has been granted. The applicable Privacy Act System of Records Notice for the information collected in this form is COMMERCE/PAT-TM-7 Patent Application Files, available in the Federal Register at 78 FR 19243 (March 29, 2013), <https://www.govinfo.gov/content/pkg/FR-2013-03-29/pdf/2013-07341.pdf>.

Routine uses of the information in this record may include disclosure to: 1) law enforcement, in the event that the system of records indicates a violation or potential violation of law; 2) a federal, state, local, or international agency, in response to its request; 3) a contractor of the USPTO having need for the information in order to perform a contract; 4) the Department of Justice for determination of whether the Freedom of Information Act (FOIA) requires disclosure of the record; 5) a Member of Congress submitting a request involving an individual to whom the record pertains, when the individual has requested the Member's assistance with respect to the subject matter of the record; 6) a court, magistrate, or administrative tribunal, in the course of presenting evidence, including disclosures to opposing counsel in the course of settlement negotiations; 7) the Administrator, General Services Administration (GSA), or their designee, during an inspection of records conducted by GSA under authority of 44 U.S.C. 2904 and 2906, in accordance with the GSA regulations and any other relevant (i.e., GSA or Commerce) directive, where such disclosure shall not be used to make determinations about individuals; 8) 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)); 9) the Office of Personnel Management (OPM) for personnel research purposes; and 10) the Office of Management and Budget (OMB) for legislative coordination and clearance.

If you do not furnish the information requested on this form, the USPTO may not be able to process and/or examine your submission, which may result in termination of proceedings, abandonment of the application, and/or expiration of the patent.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application Number	16413052
	Filing Date	2019-05-15
	First Named Inventor	Hans Maartan Stokking
	Art Unit	3992
	Examiner Name	Heneghan, Matthew E
	Attorney Docket Number	10-406-CON-REI

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Examiner Initial*	Cite No	Patent Number	Kind Code ¹	Issue Date	Name of Inventor of cited Document	Pages, Columns, Lines where Relevant Passages or Relevant Figures Appear		
	1	7724691		2010-05-25	Mela et al.			
	2	80068460		2011-11-29	Fajardo et al.			
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	1	20040184432		2004-09-23	Gateva et al.			
	2	20060271687		2006-11-30	Alston et al.			
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	1							☐

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application Number		16413052
	Filing Date		2019-05-15
	First Named Inventor	Hans Maartan Stokking	
	Art Unit	3992	
	Examiner Name	Heneghan, Matthew E	
	Attorney Docket Number	10-406-CON-REI	

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Examiner Initials*	Cite No	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, pages(s), volume-issue number(s), publisher, city and/or country where published.	T5	
	1	Petition for Inter Partes Review of U.S. Patent No. 8,549,151, Samsung Electronics America, Inc., Samsung Electronics Co., Ltd., v. Koninklijke KPN N.V., Case No. IPR2025-00504 filed on January 20, 2025, 89 pages.	☐	
	2	Petitioner's Exhibit 1003 from Petition for Inter Partes Review of U.S. Patent 8,549,151 entitled "Declaration of Kevin Almeroth, Ph. D.," 168 pages.	☐	
	3	Petitioner's Exhibit 1006 from Petition for Inter Partes Review of U.S. Patent 8,549,151 entitled "'An Evaluation of Session Initiation Protocol (SIP) for use in Streaming Media Applications," Whitehead, et al., February 2006, (available at https://datatracker.ietf.org/doc/draft-whitehead-sip-for-streaming-media/) ("Whitehead"), 18 pages.	☐	
	4	Petitioner's Exhibit 1008 from Petition for Inter Partes Review of U.S. Patent 8,549,151 entitled "IETF RFC 2326 ("RFC2326") (https://datatracker.ietf.org/doc/html/rfc2326/)," 92 pages.	☐	
	5	Petitioner's Exhibit 1009 from Petition for Inter Partes Review of U.S. Patent 8,549,151 entitled "IETF RFC 2396, ("RFC2396") (https://datatracker.ietf.org/doc/html/rfc2396/)," 40 pages.	☐	
	6	Petitioner's Exhibit 1010 from Petition for Inter Partes Review of U.S. Patent 8,549,151 entitled "Curriculum Vitae of Kevin Almeroth, Ph. D.," 40 pages.	☐	
	7	Petitioner's Exhibit 1011 from Petition for Inter Partes Review of U.S. Patent 8,549,151 entitled "IETF RFC 2616 ("RFC2616") (https://datatracker.ietf.org/doc/html/rfc2616/)," 176 pages.	☐	
	8	Petitioner's Exhibit 1014 from Petition for Inter Partes Review of U.S. Patent 8,549,151 entitled "IETF RFC 2543 ("RFC2543") (https://www.ietf.org/rfc/rfc2543.txt)," 153 pages.	☐	
	9	Petitioner's Exhibit 1015 from Petition for Inter Partes Review of U.S. Patent 8,549,151 entitled "IETF RFC 2327 ("RFC2327") (https://www.ietf.org/rfc/rfc2327.txt)," 42 pages.	☐	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application Number		16413052
	Filing Date		2019-05-15
	First Named Inventor	Hans Maartan Stokking	
	Art Unit	3992	
	Examiner Name	Heneghan, Matthew E	
	Attorney Docket Number	10-406-CON-REI	

10	Petitioner's Exhibit 1016 from Petition for Inter Partes Review of U.S. Patent 8,549,151 entitled "IETF RFC 3261 ("RFC3261") (https://www.ietf.org/rfc/rfc3261.txt)," 269 pages.	☐
11	Petitioner's Exhibit 1017 from Petition for Inter Partes Review of U.S. Patent 8,549,151 entitled "IETF RFC 1889 ("RFC1889") (https://www.ietf.org/rfc/rfc1889.txt)," 75 pages.	☐
12	Petitioner's Exhibit 1018 from Petition for Inter Partes Review of U.S. Patent 8,549,151 entitled ""Enterprising with SIP — A Technical Overview" – White Paper published by Avaya ("Avaya")," 34 pages.	☐

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

EXAMINER SIGNATURE

Examiner Signature		Date Considered	
--------------------	--	-----------------	--

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

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

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application Number	16413052
	Filing Date	2019-05-15
	First Named Inventor	Hans Maartan Stokking
	Art Unit	3992
	Examiner Name	Heneghan, Matthew E
	Attorney Docket Number	10-406-CON-REI

TIMING STATEMENT

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

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

OR

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

☐ See attached timing statement under 37 CFR 1.97(e).

☐ A timing statement under 37 CFR 1.97(e) is not submitted herewith.

TIMING FEE

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

COPIES

☐ An identification of an earlier application pursuant to 37 CFR 1.98(d)(1) is attached.

SIZE FEE ASSERTION

Please see 37 CFR 1.17(v) and the [IDS Auto-Load Instructions](#) for completing this form to make the appropriate selection of an assertion under 37 CFR 1.98. For the information disclosure statement (IDS) submitted herewith, the applicant or patent owner certifies the following with respect to the cumulative number of applicant-provided or patent-owner provided items of information submitted to date including those in the accompanying IDS (select only one):

☐ No IDS size fee is required under 37 CFR 1.17(v) at this time.

☐ The IDS is accompanied by the IDS size fee under 37 CFR 1.17(v)(1).

☒ The IDS is accompanied by the IDS size fee under 37 CFR 1.17(v)(2).

☐ The IDS is accompanied by the IDS size fee under 37 CFR 1.17(v)(3).

SIGNATURE

A signature of the applicant or representative is required in accordance with 37 CFR 1.33 and 11.18. Please see 37 CFR 1.4(d) for the form of the signature.

Signature	Matthew T Ridsdale	Date (YYYY-MM-DD)	2025-03-03
Name/Print	/Matthew T. Ridsdale/	Registration Number	56,832

INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Application Number	16413052
	Filing Date	2019-05-15
	First Named Inventor	Hans Maartan Stokking
	Art Unit	3992
	Examiner Name	Heneghan, Matthew E
	Attorney Docket Number	10-406-CON-REI

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

Privacy Act Statement

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

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

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

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

Application Number	16413052	Filing Date	2019-05-15	Docket Number (if applicable)	10-406-CON-REI	Art Unit	3992
First Named Inventor	Hans Maarten Stokking			Examiner Name	MATTHEW E HENEGHAN		

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

Response to Final Office Action dated September 3, 2024 and the Advisory Action dated February 3, 2025

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 132490**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 (01-22)

Approved for use through 05/31/2024. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Signature of Registered U.S. Patent Practitioner			
Signature	/Matthew T. Ridsdale/	Date (YYYY-MM-DD)	2025-03-03
Name	Matthew T. Ridsdale	Registration Number	56832

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.

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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.
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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.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

(Attorney Docket No. 10-406-CON-REI)

First Named Inventor: Hans Maarten Stokking

Application No.: 16/413,052

Filed: 05/15/2019

Title: METHOD AND SYSTEM FOR
TRANSMITTING A MULTIMEDIA
STREAM

**FILED VIA PATENT
CENTER ON
MARCH 3, 2025**

Art Unit: 3992

Confirmation No.: 9330

Examiner: Heneghan, Matthew E.

**RESPONSE AFTER FINAL ACCOMPANYING
A REQUEST FOR CONTINUED EXAMINATION**

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

Applicant provides this submission in response to the final Office Action dated September 3, 2024 and the Advisory Action dated February 3, 2025 along with a Request for Continued Examination and requisite fees. Applicant submits the following claims and remarks. The claims begin on page 2, and the remarks begin on page 8.

Applicant generally authorizes the Office to charge any underpayment or credit any overpayment to Deposit Account No. 132490, and to treat any communication in this matter that requires an extension of time as incorporating a request for such an extension.

AMENDMENTS TO THE CLAIMS

The following is a complete listing of the claims:

1. (Fourth Amended) A method, wherein a gateway is capable of communicating with a first terminal and a second terminal, the method comprising:

the gateway or the first terminal using a first protocol to exchange first multimedia session information between the first terminal and the gateway, wherein the exchange of the first multimedia session information establishes a first multimedia session between the first terminal and the gateway according to the first protocol and sets up a first media stream from the first terminal, and wherein the first multimedia session information includes a type of media;

the second terminal using a second protocol to receive a trigger provided by the gateway or first terminal, wherein the trigger is to initiate an exchange of second multimedia session information between the gateway and the second terminal, and wherein the trigger serves to inform the second terminal of availability of a new multimedia stream;

in response to receiving the trigger, the second terminal using a third protocol to initiate the exchange of the second multimedia session information between the gateway and the second terminal, wherein the exchange of the second multimedia session information establishes a second multimedia session according to the third protocol and sets up a second media stream to the second terminal in which the second terminal participates; and

the second terminal receiving the second media stream, wherein the second media stream is associated with the first media stream,

wherein the first protocol, the second protocol, and the third protocol are all different.

2. (Original) The method according to claim 1, wherein the exchange of the first multimedia session information comprises:

the gateway providing to the first terminal at least part of the second multimedia session information.

3. (Original) The method according to claim 1, wherein the exchange of the second multimedia session information comprises:

the gateway providing to the second terminal at least part of the first multimedia session information.

4. (Original) The method according to claim 1, wherein the exchange of the first multimedia session information comprises:

the gateway receiving, from the first terminal, an identifier of the second terminal.

5. (Original) The method according to claim 4, further comprising:

before using the second protocol to provide the trigger to the second terminal, the gateway resolving the identifier of the second terminal into a network address of the second terminal.

6. (Original) The method according to claim 5, wherein providing the trigger to the second terminal comprises the gateway transmitting the trigger to the resolved network address of the second terminal.

7. (Canceled)

8. (Original) The method of claim 1, wherein the first multimedia stream is the second multimedia stream.

9. (Original) The method of claim 1, wherein the first protocol is a peer-to-peer protocol.

10. (Amended) The method of claim 1, wherein the third protocol is a client-server protocol, and wherein the second [receiving] terminal has client capabilities of the third protocol and not server capabilities of the third protocol.

11. (Original) The method of claim 1, wherein the trigger comprises a network address of the gateway.

12. (Original) The method of claim 11, wherein the network address is a URI or a URI reference.

13. (Canceled)

14. (Canceled)

15. (Original) The method of claim 1, wherein the gateway is configured to associate the first multimedia session information with the second multimedia session information.

16. (Fourth Amended) An article of manufacture including a non-transitory computer-readable medium, having stored thereon software instructions that, if executed by a computing device, cause the computing device to perform operations comprising:

using a first protocol to initiate an exchange of first multimedia session information between a first terminal and a gateway, wherein the exchange of the first multimedia session information establishes a first multimedia session between the first terminal and the gateway according to the first protocol and sets up a first media stream from the first terminal, and wherein the first multimedia session information includes a type of media;

using a second protocol to provide a trigger to a second terminal, wherein the trigger is to initiate an exchange of second multimedia session information between the gateway and the second terminal, and wherein the trigger serves to inform the second terminal of availability of a new multimedia stream;

using a third protocol to conduct the exchange of the second multimedia session information between the gateway and the second terminal, wherein the exchange of the second multimedia session information establishes a second multimedia session according to the third protocol and sets up a second media stream to the second terminal in which the second terminal participates; and

using the first protocol to transmit a response to the first terminal, wherein the response causes the first terminal to begin transmission of the first media stream from the first terminal, wherein the second media stream to the second terminal is associated with the first media stream from the first terminal.

wherein the first protocol, the second protocol, and the third protocol are all different.

17. (Fourth Amended) A gateway comprising:

a communication interface; and

memory that stores software instructions that, when executed by the gateway, cause the gateway to:

(i) exchange first multimedia session information with a first terminal using a first protocol, wherein the exchange of the first multimedia session information establishes a first multimedia session according between the first terminal and the gateway to the first protocol and sets up a first media stream from the first terminal, and wherein the first multimedia session information includes a type of media,

(ii) provide a trigger to a second terminal, wherein the trigger is provided using a second protocol, in response to which the second terminal is able to initiate exchange of second multimedia session information with the gateway, and wherein the trigger serves to inform the second terminal of availability of a new multimedia stream, and

(iii) exchange second multimedia session information with the second terminal, using a third protocol, [wherein the third protocol is different from the first protocol,] wherein the exchange of the second multimedia session information establishes a second multimedia session according to the third protocol and sets up a second media stream to the second terminal in which the second terminal participates,

wherein the first protocol, the second protocol, and the third protocol are all different.

18. (Fourth Amended) The gateway of claim 17, wherein the gateway is further configured to connect to [a] the first terminal supporting [a] the first protocol and to [a] the second terminal supporting [a] the second protocol,

wherein the first protocol is Session Initiation Protocol (SIP) and the second protocol is Real Time Streaming Protocol (RTSP),

wherein, in relation to the first protocol, the first terminal is an originating user-side SIP client,

wherein the gateway acts as a terminating SIP client,

wherein the gateway is further configured to confirm that the gateway is able to receive a multimedia session from [the user] the first terminal and to provide the first terminal with multimedia session information,

wherein, in relation to the second protocol, the second terminal is an RTSP client,

wherein the gateway acts as an RTSP server on behalf of the user, and

[wherein the second terminal uses RTSP for session control, and]

wherein the gateway is further configured to inform the second terminal that an incoming session is pending and notify the RTSP client to connect to an RTSP server function of the gateway.

19. (Amended) The gateway of claim 17, wherein the gateway is further configured to transmit a notification message to the second terminal in response to an invitation of the first terminal, in order to activate the second terminal to set up a second multimedia session between the second terminal and the gateway.

20. (Thrice Amended) The gateway of claim 17, wherein the gateway is [embedded] further configured to operate in an IP Multi-Media Subsystem (IMS) network architecture, wherein the first protocol is Session Initiation Protocol (SIP), [wherein the third protocol is Real Time Streaming Protocol (RTSP), the IMS network architecture comprising a service-control-function component and a media-function component,] wherein [the] memory of the gateway is distributed in the IMS network architecture, such that:

exchanging the first multimedia session information is handled by [the] a service-control-function component within the IMS network architecture;

triggering the second terminal is controlled by [the] a service-control-function component within the IMS network architecture; and

exchanging second multimedia session information is handled by [the] a media-function component within the IMS network architecture.

21. (Amended) The gateway of claim 17, wherein the gateway is further configured to associate the first multimedia session information and the second multimedia session information with each other.

22. (Original) The gateway of claim 17, wherein the gateway further comprises Session Initiation Protocol (SIP) client functionality and Real Time Streaming Protocol (RTSP) server functionality.

23. (New - Fourth Amended) A system comprising a gateway, a first terminal, and a second terminal, configured for communicating with the gateway, and wherein:
the gateway or the first terminal using a first protocol to exchange first multimedia session information between the first terminal and the gateway, wherein the exchange of the first multimedia session information establishes a first multimedia session between the first terminal and the gateway according to the first protocol and sets up a first media stream from the first terminal, and wherein the first multimedia session information includes a type of media;
the second terminal using a second protocol to receive a trigger provided by the gateway or first terminal, wherein the trigger is to initiate an exchange of second multimedia session information between the gateway and the second terminal, and wherein the trigger serves to inform the second terminal of availability of a new multimedia stream;
in response to receiving the trigger, the second terminal using a third protocol to initiate the exchange of the second multimedia session information between the gateway and the second terminal, wherein the exchange of the second multimedia session information establishes a second multimedia session according to the third protocol and sets up a second media stream to the second terminal in which the second terminal participates; and
the second terminal receiving the second media stream, wherein the second media stream is associated with the first media stream,
wherein the first protocol, the second protocol, and the third protocol are all different.

- 24. (Cancelled)
- 25. (Cancelled)
- 26. (Cancelled)
- 27. (New – Amended) The system of claim 23, wherein at least one of the first terminal and the second terminal is one of a personal computer, a PDA, or a mobile phone with multimedia capabilities.

REMARKS

I. Summary of the Office Action

The Office Action dated September 3, 2024 (“the Office Action”) and the Advisory Action dated February 3, 2025 made the following objections and/or rejections, each of which is addressed in more detail below:

Claims 1, 16, 17, and 23-27 have been objected to based on an alleged informality.

Claims 23, and 27 have been rejected under 35 U.S.C. 103 as being unpatentable over CN Patent Application Publication No. CN1393090 (*Mostafa*).

Claims 1-6, 8-12, and 15-22 have been indicated to be allowable.

II. Interview Summary

Applicant thanks Examiner Heneghan for the telephonic interview on February 27, 2025 (“the Interview”) with the Applicant’s representative Matthew Ridsdale (Reg. No. 56,832). Applicant appreciates the Examiner’s time in discussing the present application, the updated claims, and the current rejections. By this Response, the claims have been updated as discussed during the Interview. Accordingly, Applicant submits that the substance of the Interview, is reflected within the amendments to the claims and the remarks presented herein.

III. Status of the Claims

The present application includes claims 1-6, 8-12, 15-23, and 27 with claims 24-26 having been withdrawn. By this Response, claims 1, 16-21, and 23 have been amended, and claims 24-26 have been cancelled without prejudice. Support for these amendments may be found at least a col. 12, lines 20-33, and FIGS. 5(a)-5(c) of the specification. Applicant respectfully submits that no new matter has been added by these amendments. Applicant expressly reserves the right to pursue the subject matter of the previously presented claims in a continuing application.

IV. Claim Objections

The Office Action has objected to claims 1, 16, 17, and 23-27 based on an alleged informality. In light of the amendment to claims, Applicant respectfully submits that the pending objection has been rendered moot. Accordingly, Applicant submits that claims 1-6, 8-12, 15-23, and 27 are in condition for allowance. Applicant respectfully requests reconsideration and withdrawal of the pending objections.

V. Claim Rejections – 35 U.S.C. 102

Applicant now turns to the rejection of claims 23, and 27 under 35 U.S.C. 102 as being unpatentable over *Mostafa*. Applicant respectfully submits that the proposed combination does not teach or suggest the entirety of the features recited in the pending claims for at least the reasons discussed below. In particular, in light of the amendment of claim 23 to reflect the allowable subject matter identified in allowable independent claim 1, Applicant submits that the pending rejections based on *Mostafa* have been rendered moot.

Applicant respectfully submits that claims 1-6, 8-12, 15-23, and 27 are patentable over any combination of the relied upon references. Withdrawal and reconsideration of the pending rejections is hereby respectfully requested.

VI. Conclusion

Applicant submits that all of the stated grounds of objection and rejection have been respectfully traversed, accommodated, or rendered moot. Applicant therefore submits that the present application is in condition for allowance. If the Examiner believes that further dialogue would expedite consideration of the application, the Examiner is invited to contact the undersigned at 312.913.0001.

Respectfully submitted,
McDonnell Boehnen Hulbert and Berghoff LLP

Date: March 3, 2025

By: /Matthew T. Ridsdale/
Matthew T. Ridsdale
Reg. No. 56,832

PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875				Application or Docket Number 16/413,052	Filing Date 05/15/2019	☐ To be Mailed
ENTITY: ☒ LARGE ☐ SMALL ☐ MICRO						
APPLICATION AS FILED - PART I						
FOR	(Column 1) NUMBER FILED	(Column 2) NUMBER EXTRA	RATE (\$)	FEE (\$)		
☐ BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A			
☐ SEARCH FEE (37 CFR 1.16(k), (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(i))	minus 20 =	*	x \$100 =			
INDEPENDENT CLAIMS (37 CFR 1.16(h))	minus 3 =	*	x \$460 =			
☐ 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						
AMENDMENT	(Column 1) 03/03/2025	(Column 2) CLAIMS REMAINING AFTER AMENDMENT	(Column 3) HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)
	Total (37 CFR 1.16(i))	* 22	Minus	** 22 = 0	x \$200 =	0
	Independent (37 CFR 1.16(h))	* 3	Minus	*** 3 = 0	x \$600 =	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	(Column 1)	(Column 2) CLAIMS REMAINING AFTER AMENDMENT	(Column 3) HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE (\$)	ADDITIONAL FEE (\$)
	Total (37 CFR 1.16(i))	*	Minus	** =	x \$0 =	
	Independent (37 CFR 1.16(h))	*	Minus	*** =	x \$0 =	
	☐ Application Size Fee (37 CFR 1.16(s))					
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))					
					TOTAL ADD'L FEE	
* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.					LIE	
** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".					/PATRICIA F LEWIS/	
*** 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.						

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
16/413,052	05/15/2019	Hans Maarten Stokking	10-406-CON-REI	9330
20306 7590 02/03/2025 MCDONNELL BOEHNEN HULBERT & BERGHOFF LLP 300 S. WACKER DRIVE 32ND FLOOR CHICAGO, IL 60606			EXAMINER HENEGHAN, MATTHEW E	
			ART UNIT	PAPER NUMBER
			3992	
			NOTIFICATION DATE	DELIVERY MODE
			02/03/2025	ELECTRONIC

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

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

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

docketing@mbhb.com

Advisory Action Before the Filing of an Appeal Brief	Application No. 16/413,052	Applicant(s) Stokking et al.	
	Examiner MATTHEW E HENEGHAN	Art Unit 3992	AIA (First Inventor to File) Status No

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

THE REPLY FILED 07 January 2025 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 3 months from the mailing date of the final rejection.

b) ☐ The period for reply expires on: (1) the mailing date of this Advisory Action; or (2) the date set forth in the final rejection, whichever is later. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of the final rejection.

c) ☐ A prior Advisory Action was mailed more than 3 months after the mailing date of the final rejection in response to a first after-final reply filed within 2 months of the mailing date of the final rejection. The current period for reply expires _____ months from the mailing date of the prior Advisory Action or SIX MONTHS from the mailing date of the final rejection, whichever is earlier.

Examiner Note: If box 1 is checked, check either box (a), (b) or (c). ONLY CHECK BOX (b) WHEN THIS ADVISORY ACTION IS THE FIRST RESPONSE TO APPLICANTS FIRST AFTER-FINAL REPLY WHICH WAS FILED WITHIN TWO MONTHS OF THE FINAL REJECTION. ONLY CHECK BOX (c) IN THE LIMITED SITUATION SET FORTH UNDER BOX (c). See MPEP 706.07(f).

Extensions of time may be obtained under 37 CFR 1.136(a). The date on which the petition under 37 CFR 1.136(a) and the appropriate extension fee have been filed is the date for purposes of determining the period of extension and the corresponding amount of the fee. The appropriate extension fee under 37 CFR 1.17(a) is calculated from: (1) the expiration date of the shortened statutory period for reply originally set in the final Office action; or (2) as set forth in (b) or (c) above, if checked. Any reply received by the Office later than three months after the mailing date of the final rejection, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

NOTICE OF APPEAL

2. ☐ The Notice of Appeal was filed on _____. A brief in compliance with 37 CFR 41.37 must be filed within two months of the date of filing the Notice of Appeal (37 CFR 41.37(a)), or any extension thereof (37 CFR 41.37(e)), to avoid dismissal of the appeal. Since a Notice of Appeal has been filed, any reply must be filed within the time period set forth in 37CFR 41.37(a).

AMENDMENTS

3. ☒ The proposed amendments filed after a final rejection, but prior to the date of filing a brief, will not be entered because

a) ☒ They raise new issues that would require further consideration and/or search (see NOTE below);

b) ☐ They raise the issue of new matter (see NOTE below);

c) ☐ They are not deemed to place the application in better form for appeal by materially reducing or simplifying the issues for appeal; and/or

d) ☐ They present additional claims without canceling a corresponding number of finally rejected claims.

NOTE: See Continuation Sheet (See 37 CFR 1.116 and 41.33(a)).

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

5. ☐ Applicant's reply has overcome the following rejection(s): _____

6. ☐ Newly proposed or amended claim(s) _____ would be allowable if submitted in a separate, timely filed amendment canceling the non-allowable claim(s).

7. ☒ For purposes of appeal, the proposed amendment(s): (a) ☒ will not be entered; or (b) ☐ will be entered and an explanation of how the new or amended claims would be rejected is provided below or appended.

AFFIDAVIT OR OTHER EVIDENCE

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

9. ☐ The affidavit or other evidence filed after final action, but before or on the date of filing a Notice of Appeal will not be entered because applicant failed to provide a showing of good and sufficient reasons why the affidavit or other evidence is necessary and was not earlier presented. See 37 CFR 1.116(e).

10. ☐ The affidavit or other evidence filed after the date of filing the Notice of Appeal, but prior to the date of filing a brief, will not be entered because the affidavit or other evidence failed to overcome all rejections under appeal and/or appellant fails to provide a showing of good and sufficient reasons why it is necessary and was not earlier presented. See 37 CFR 41.33(d)(1).

11. ☐ The affidavit or other evidence is entered. An explanation of the status of the claims after entry is below or attached.

REQUEST FOR RECONSIDERATION/OTHER

12. ☐ The request for reconsideration has been considered but does NOT place the application in condition for allowance because: _____

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

14. ☒ Other: Some claims in the proposed amendment are not entirely marked against the original patent.

STATUS OF CLAIMS

15. The status of the claim(s) is (or will be) as follows:

Claim(s) allowed: _____

Claim(s) objected to: 1-6, 8-12 and 15-22.

Claim(s) rejected: 23 and 27.

Claim(s) withdrawn from consideration: 24-26.

/OVIDIO ESCALANTE/ Primary Examiner, Art Unit 3992	/MATTHEW E HENEGHAN/ Primary Examiner, Art Unit 3992
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Continuation of 3. NOTE: Claim 1 has et al. has been changed to recite a system, rather than a method. This would require further search and analysis.

/MF/

01/23/2025

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

(Attorney Docket No. 10-406-CON-REI)

First Named Inventor: Hans Maarten Stokking

Application No.: 16/413,052

Filed: 05/15/2019

Title: METHOD AND SYSTEM FOR
TRANSMITTING A MULTIMEDIA
STREAM

**FILED VIA PATENT
CENTER ON
JANUARY 7, 2025**

Art Unit: 3992

Confirmation No.: 9330

Examiner: Heneghan, Matthew E.

RESPONSE AFTER FINAL

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

Applicant provides this submission in response to the final Office Action dated September 3, 2024. Applicant submits the following claims and remarks. The claims begin on page 2, and the remarks begin on page 8.

Applicant generally authorizes the Office to charge any underpayment or credit any overpayment to Deposit Account No. 132490, and to treat any communication in this matter that requires an extension of time as incorporating a request for such an extension.

TO: docketing@mbhb.com
FROM: noreply@uspto.gov
CC: patentcenter_eofficeaction@uspto.gov
SUBJECT: USPTO: Patent Electronic System - Correspondence Notification for Customer Number 20306

Mon Feb 03 05:02:03 EST 2025

Dear Patent Center Customer:

Correspondence Address:

MCDONNELL BOEHNEN HULBERT & BERGHOFF LLP
300 S. WACKER DRIVE
32ND FLOOR
CHICAGO, ILLINOIS, 60606
UNITED STATES

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