AO 120 (Rev. 08/10)

TO:	**Mail Stop 8** **Director of the U.S. Patent and Trademark Office** **P.O. Box 1450** **Alexandria, VA 22313-1450**	**REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK**

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court Eastern District of Texas on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
4:22-cv-840	9/30/2022	Eastern District of Texas

PLAINTIFF	DEFENDANT
STA GROUP LLC	MOTOROLA SOLUTIONS, INC.

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	7,324,802	1/29/2008	STA GROUP LLC
2	8,489,134	7/16/2013	STA GROUP LLC
3	8,994,830	3/31/2015	STA GROUP LLC
4	8,831,664	9/9/2014	STA GROUP LLC
5			

In the above—entitled case, the following patent(s)/ trademark(s) have been included:

DATE INCLUDED	INCLUDED BY ☐ Amendment ☐ Answer ☐ Cross Bill ☐ Other Pleading	
PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1		
2		
3		
4		
5		

In the above—entitled case, the following decision has been rendered or judgement issued:

DECISION/JUDGEMENT

CLERK	(BY) DEPUTY CLERK	DATE

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

AO 120 (Rev. 08/10)

TO:	Mail Stop 8 Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450	REPORT ON THE FILING OR DETERMINATION OF AN ACTION REGARDING A PATENT OR TRADEMARK

In Compliance with 35 U.S.C. § 290 and/or 15 U.S.C. § 1116 you are hereby advised that a court action has been filed in the U.S. District Court Eastern District of Texas on the following

☐ Trademarks or ☑ Patents. (☐ the patent action involves 35 U.S.C. § 292.):

DOCKET NO.	DATE FILED	U.S. DISTRICT COURT
2:22-cv-381	9/30/2022	Eastern District of Texas

PLAINTIFF	DEFENDANT
STA GROUP LLC	MOTOROLA SOLUTIONS, INC.

	PATENT OR TRADEMARK NO.	DATE OF PATENT OR TRADEMARK	HOLDER OF PATENT OR TRADEMARK
1	7,324,802	1/29/2008	STA GROUP LLC
2	8,489,134	7/16/2013	STA GROUP LLC
3	8,994,830	3/31/2015	STA GROUP LLC
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CLERK	(BY) DEPUTY CLERK	DATE

Copy 1—Upon initiation of action, mail this copy to Director Copy 3—Upon termination of action, mail this copy to Director
Copy 2—Upon filing document adding patent(s), mail this copy to Director Copy 4—Case file copy

UNITED STATES PATENT AND TRADEMARK OFFICE

CERTIFICATE OF CORRECTION

PATENT NO.	: 8,994,830 B2
APPLICATION NO.	: 12/188982
DATED	: March 31, 2015
INVENTOR(S)	: Shmuel Shaffer et al.

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

In the claims,

Column 12, Line 27, after the word "user" change "." to --;--

Signed and Sealed this
Eighth Day of March, 2016

Michelle K. Lee

Michelle K. Lee
Director of the United States Patent and Trademark Office

PTO/SB/44 (09-07)
Approved for use through 08/31/2013. OMB 0651-0033
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.
(Also Form PTO-1050)

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : 8,994,830 B2

APPLICATION NO.: 12/188,982

ISSUE DATE : March 31, 2015

INVENTOR(S) : Shmuel SHAFFER et al.

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Column 12, Line 27, after the word "user" change "." to --;--

MAILING ADDRESS OF SENDER (Please do not use customer number below):

Edell, Shapiro & Finnan LLC
9801 Washingtonian Blvd., Suite 750
Gaithersburg, MD 20878

This collection of information is required by 37 CFR 1.322, 1.323, and 1.324. 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 1.0 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: Attention Certificate of Corrections Branch, 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. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

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

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

Electronic Acknowledgement Receipt

EFS ID:	24235922
Application Number:	12188982
International Application Number:	
Confirmation Number:	6073
Title of Invention:	ACCESS TO VIDEO STREAMS ON MOBILE COMMUNICATION DEVICES
First Named Inventor/Applicant Name:	Shmuel Shaffer
Customer Number:	99499
Filer:	D. Andrew Floam/A. Karina Diaz
Filer Authorized By:	D. Andrew Floam
Attorney Docket Number:	0370.1933C
Receipt Date:	02-DEC-2015
Filing Date:	08-AUG-2008
Time Stamp:	10:29:41
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Transmittal Letter	CertofCorrectionTransmittal.pdf	92826 d9730a30d4bff4d1907d566b9d5874e489fda59e	no	1

Warnings:	
Information:	

2	Request for Certificate of Correction	SB44CertificateofCorrection.pdf	164179 1f5c711a96d7d4f523586cadd1fcfaac15cbdf42	no	2
Warnings:					
Information:					
			Total Files Size (in bytes):	257005	

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

New Applications Under 35 U.S.C. 111
If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

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

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

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Patent No.	: 8,994,830 B2
Application No.	: 12/188,982
First Named Inventor	: Shmuel SHAFFER et al.
Confirmation No.	: 6073
Issued	: March 31, 2015
Customer No.	: 99499
Docket No.	: 0370.1933C (956158-US.01)
Title	: Access to Video Streams on Mobile Communication Devices

ATTN: Certificate of Correction Branch
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

REQUEST FOR CERTIFICATE OF CORRECTION

Madam:

Transmitted herewith is a Certificate of Correction (1 page) correcting one or more errors in the Official Letters Patent.

It is believed that no fees are required at this time since the errors identified in the Certificate of Correction are attributable to the U.S. Patent and Trademark Office.

Dated: December 02, 2015

Respectfully submitted by:

/D. Andrew Floam/

D. Andrew Floam
Reg. No. 34597

EDELL, SHAPIRO & FINNAN, LLC
CUSTOMER NO. 99499
9801 Washingtonian Blvd., Suite 750
Gaithersburg, MD 20878
(301) 424-3640

UNITED STATES PATENT AND TRADEMARK OFFICE

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

APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
12/188,982	08/08/2008	Shmuel Shaffer	0370.1933C

CONFIRMATION NO. 6073

99499
Edell, Shapiro, & Finnan, LLC
9801 Washingtonian Blvd.
Suite 750
Gaithersburg, MD 20878

POA ACCEPTANCE LETTER

OC000000075375735

Date Mailed: 05/27/2015

NOTICE OF ACCEPTANCE OF POWER OF ATTORNEY

This is in response to the Power of Attorney filed 05/21/2015.

The Power of Attorney in this application is accepted. Correspondence in this application will be mailed to the above address as provided by 37 CFR 1.33.

Questions about the contents of this notice and the requirements it sets forth should be directed to the Office of Data Management, Application Assistance Unit, at **(571) 272-4000** or **(571) 272-4200** or **1-888-786-0101**.

/tlulu/

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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

REVOCATION OF POWER OF ATTORNEY
AND NEW POWER OF ATTORNEY BY ASSIGNEE
AND STATEMENT UNDER 37 C.F.R. §3.73(b)

The Assignees of the entire right, title, and interest hereby revoke all previously granted powers of attorney given in the applications identified in the attached Exhibit A and grant the registered practitioners of EDELL, SHAPIRO & FINNAN, LLC included in the Customer Number provided below, power to act, prosecute, and transact all business in the U.S. Patent and Trademark Office in connection with the applications, any applications claiming priority to these applications, and any patents issuing therefrom.

The Assignees certify that to the best of their knowledge and belief, they are the owners of the entire right, title, and interest of the applications as evidenced by assignment previously recorded in the U.S. Patent and Trademark Office as listed in Exhibit A.

Please direct all correspondence concerning the applications to:

EDELL, SHAPIRO & FINNAN, LLC
9801 Washingtonian Blvd, Suite 750
Gaithersburg, MD 20878
(301) 424-3640

CUSTOMER NUMBER: 99499

The undersigned (whose titles are supplied below) are empowered to sign this statement on behalf of the Assignee.

Date: 4-24-2015 Signature: _____

Name: Dan H. Lang
Title: Vice President and Assistant Secretary
Company: Cisco Technology, Inc.

Motorola Solutions, Inc., Ex1003, p. 10

Our Ref	FWD No.	Country	Application No.	Filing Date	Patent No.	Issue Date	Title	Applicant	Assignee	Inventors
0370.1801CON	224036	US	10/122,401	11-Apr-02	7,389,332	17-Jun-08	Method and apparatus for supporting communications between nodes operating in a master-slave configuration	Cisco Technology, Inc.	012159/0533	MUCHOW et al.
0370.1801CON	224036	US	10/122,401	11-Apr-02	7,389,332	17-Jun-08	Method and apparatus for supporting communications between nodes operating in a master-slave configuration	Cisco Technology, Inc.	012159/0533	MUCHOW et al.
0370.1802C	157809	US	10/094,552	7-Mar-02	7,421,478	2-Sep-08	Method and apparatus for exchanging heartbeat messages and configuration information between nodes operating in a master-slave configuration	Cisco Technology, Inc.	012693/0864	James D. MUCHOW
0370.1802CIP	224060	US	10/128,657	22-Apr-02	7,353,259	1-Apr-08	Method and apparatus for exchanging configuration information between nodes operating in a master-slave configuration	Cisco Technology, Inc.	013301/0836	BAKKE et al.
0370.1802CON	954837	US	11/748,966	15-May-07	7,856,480	21-Dec-10	Method and apparatus for exchanging heartbeat messages and configuration information between nodes operating in a master-slave configuration	Cisco Technology, Inc.	012693/0864	James D. MUCHOW

0370.1803C	157812	US	10/131,275	22-Apr-02	7,587,465	8-Sep-09	Method and apparatus for configuring nodes as masters or slaves	Cisco Technology, Inc.	012844/0886	James D. MUCHOW
0370.1805C	224042	US	10/128,656	22-Apr-02	7,165,258	16-Jan-07	SCSI-based storage area network having a SCSI router that routes traffic between SCSI and IP networks	Cisco Technology, Inc.	013367/0004	KUIK et al.
0370.1805CON	952744	US	11/622,436	11-Jan-07	7,437,477	14-Oct-08	SCSI-based storage area network having a SCSI router that routes traffic between SCSI and IP networks	Cisco Technology, Inc.	013367/0004	KUIK et al.
0370.1806C	224189	US	10/306,144	27-Nov-02	7,577,735	18-Aug-09	Transparent mode	Cisco Technology, Inc.	013541/0208	DE GROOTE et al.
0370.1806CON	962173	US	12/511,903	29-Jul-09	8,321,559	27-Nov-12	Transparent mode	Cisco Technology, Inc.	013541/0208	DE GROOTE et al.
0370.1807C	224195	US	10/371,389	21-Feb-03	7,269,644	11-Sep-07	Performance profiling for improved data throughput	Cisco Technology, Inc.	013807/0883	GHANEM et al.
0370.1807DV1	957391	US	11/852,862	10-Sep-07	7,966,403	21-Jun-11	Performance profiling for improved data throughput	Cisco Technology, Inc.	013807/0883	GHANEM et al.
0370.1807DV2	955274	US	11/852,849	10-Sep-07	7,774,449	10-Aug-10	Performance profiling for improved data throughput	Cisco Technology, Inc.	013807/0883	GHANEM et al.
0370.1807DV3	955143	US	11/771,287	29-Jun-07	7,571,209	4-Aug-09	Performance profiling for improved data throughput	Cisco Technology, Inc.	013807/0883	GHANEM et al.
0370.1809C	224207	US	10/375,411	27-Feb-03	7,831,736	9-Nov-10	System and method for supporting VLANs in an iSCSI	Cisco Technology, Inc.	013827/0610	David P. THOMPSON

0370.1810C	957078	US	12/251,230	14-Oct-08	7,941,529	10-May-11	Periodic exporting of information over a flow protocol	Cisco Technology, Inc.	021819/0908	CLAISE et al.
0370.1810P	958299	US	61/035,298	10-Mar-08	N/A	N/A	PERIODIC EXPORTING OF INFORMATION OVER A FLOW PROTOCOL	Cisco Technology, Inc.	021819/0908	CLAISE et al.
0370.1812C	866471	US	11/552,025	23-Oct-06	8,613,088	17-Dec-13	Methods and systems to detect an evasion attack	Cisco Technology, Inc.	018424/0970	VARGHESE et al.
0370.1812P	912894	US	60/764,818	3-Feb-06	N/A	N/A	Detecting Evasion Attacks at High Speeds Without Reassembly	Cisco Technology, Inc.	017547/0697	VARGHESE et al.
0370.1813C	949672	US	11/559,012	13-Nov-06	8,161,395	17-Apr-12	Method for secure data entry in an application	Cisco Technology, Inc.	018510/0233	Sandeep Suresh GIRGAONKAR
0370.1813i	949672-23808	WO	PCT/US07/84017	8-Nov-07	N/A	N/A	Method for secure data entry in an application	Cisco Technology, Inc.	018510/0233	Sandeep Suresh GIRGAONKAR
0370.1814C	861395	US	11/423,375	9-Jun-06	8,259,612	4-Sep-12	Method of routing multicast traffic	Cisco Technology, Inc.	017754/0397	CAI et al.
0370.1814CON	980214	US	13/558,073	25-Jul-12	8,611,252	17-Dec-13	Method of routing multicast traffic	Cisco Technology, Inc.	017754/0397	CAI et al.
0370.1814i	861395-24776	WO	PCT/US2007/002 737	31-Jan-07	N/A	N/A	Method of routing multicast traffic	Cisco Technology, Inc.	017754/0397	CAI et al.
0370.1815C	689852	US	11/236,903	28-Sep-05	8,077,838	13-Dec-11	Method and voice communicator to provide a voice communication	Cisco Technology, Inc.	017046/0664	PATEL et al.
0370.1815i	689852-23896	WO	PCT/US2006/033 707	28-Aug-06	N/A	N/A	Method and voice communicator to provide a voice communication	Cisco Technology, Inc.	017046/0664	PATEL et al.
0370.1816C	754620	US	11/421,447	31-May-06	7,688,967	30-Mar-10	Dynamic speed dial number mapping	Cisco Technology, Inc.	017705/0175	PATEL et al.

0370.1816i	754620-20490	WO	PCT/US07/70021	31-May-07	N/A	N/A	Dynamic speed dial number mapping	Cisco Technology, Inc.	017705/0175	PATEL et al.
0370.1817C	950129	US	11/682,179	5-Mar-07	8,102,758	24-Jan-12	Analyzing virtual private network failures	Cisco Technology, Inc.	018960/0531	MONAGHAN et al.
0370.1817i	950129-24069	WO	PCT/US08/54840	25-Feb-08	N/A	N/A	Analyzing virtual private network failures	Cisco Technology, Inc.	018960/0531	MONAGHAN et al.
0370.1818i	950972-24229	WO	PCT/US08/56458	3/11/2008	N/A	N/A	An Authenticated Correspondent Database	Cisco Technology, Inc.	019020/0835	Michael Allen THOMAS
0370.1819C	962013	US	12/703,466	2/10/2010	8,675,498	3/18/2014	System and method to provide aggregated alarm indication signals	Cisco Technology, Inc.	023921/0187	Nagi Reddy JONNALA
0370.1820C	953054	US	11/864,201	9/28/2007	8,705,738	4/22/2014	Selective security termination in next generation mobile networks	Cisco Technology, Inc.	019898/0184	GRAYSON et al.
0370.1820i	953054-24796	WO	PCT/US08/77607	9/25/2008	N/A	N/A	Selective security termination in next generation mobile networks	Cisco Technology, Inc.	019898/0184	GRAYSON et al.
0370.1821C	959341	US	11/971,066	1/8/2008	8,825,965	9/2/2014	SYSTEM AND METHODS FOR MEMORY EXPANSION	Cisco Technology, Inc.	027165/0432	MAZZOLA et al.
0370.1821i	959341-25027	WO	PCT/US2009/030441	1/8/2009	N/A	N/A	SYSTEM AND METHODS FOR MEMORY EXPANSION	Cisco Technology, Inc.	027165/0432	MAZZOLA et al.
0370.1822C	952652	US	11/948,405	11/30/2007	7,886,080	2/8/2011	Management of topology changes in layer two networks	Cisco Technology, Inc.	020337/0368	SAJASSI et al.
0370.1822i	952652-24943	WO	PCT/US08/84592	11/25/2008	N/A	N/A	Management of topology changes in layer two networks	Cisco Technology, Inc.	020337/0368	SAJASSI et al.

0370.1823C	959410	US	12/206,501	9/8/2008	7,886,103	2/8/2011	Input-output module, processing platform and method for extending a memory interface for input-output operations	Cisco Technology, Inc.	021665/0409	NISHTALA et al.
0370.1823CON	972860	US	12/986,104	1/6/2011	8,117,369	2/14/2012	Input-output module for operation in memory module socket and method for extending a memory interface for input-output operations	Cisco Technology, Inc.	021665/0409	NISHTALA et al.
0370.1823i	959410-25378	WO	PCT/US2009/056251	9/8/2009	N/A	N/A	Input-output module, processing platform and method for extending a memory interface for input-output operations	Cisco Technology, Inc.	021665/0409	NISHTALA et al.
0370.1824C	157344	US	10/293,180	11/12/2002	7,424,014	9/9/2008	System and method for local packet transport services within distributed routers	Cisco Technology, Inc.	013493/0104	MATTES et al.
0370.1824CON	972082	US	12/893,988	9/29/2010	8,687,632	4/1/2014	System and method for local packet transport services within distributed routers	Cisco Technology, Inc.	013493/0104	MATTES et al.
0370.1824DIV	958758	US	12/110,962	4/28/2008	7,843,930	11/30/2010	System and method for local packet transport services within distributed routers	Cisco Technology, Inc.	013493/0104	MATTES et al.

0370.1826C	208104	US	10/371,909	2/21/2003	7,127,602	10/24/2006	iSCSI computer boot system and method	Cisco Technology, Inc.	013810/0475	BAKKE et al.
0370.1827C	224186	US	10/607,830	6/28/2003	7,451,208	11/11/2008	Systems and methods for network address failover	Cisco Technology, Inc.	014691/0538	BAKKE et al.
0370.1828C	224204	US	10/280,161	10/25/2002	8,024,418	9/20/2011	Reserve release proxy	Cisco Technology, Inc.	013428/0438	Stephen P. DE GROOTE
0370.1829C	235799	US	10/395,292	3/24/2003	6,857,069	2/15/2005	Modified operating system boot sequence for iSCSI device support	Cisco Technology, Inc.	013906/0702	RISSMEYER et al.
0370.1830C	263016	US	10/402,199	3/28/2003	7,904,599	3/8/2011	Synchronization and auditing of zone configuration data in storage-area networks	Cisco Technology, Inc.	013928/0780	Steven James BENNETT
0370.1831C	263027	US	10/401,654	3/28/2003	7,433,300	10/7/2008	Synchronization of configuration data in storage-area networks	Cisco Technology, Inc.	013917/0099	BENNETT et al.
0370.1832C	262990	US	10/402,204	3/28/2003	7,360,072	4/15/2008	iSCSI system OS boot configuration modification	Cisco Technology, Inc.	013924/0010	SOLTIS et al.
0370.1833C	262983	US	10/395,927	3/24/2003	7,363,356	4/22/2008	Boot modification of registry data for iSCSI network boot operations	Cisco Technology, Inc.	013906/0594	RISSMEYER et al.
0370.1834C	243734	US	10/403,219	3/26/2003	7,295,572	11/13/2007	Storage router and method for routing IP datagrams between data path processors using a fibre channel switch	Cisco Technology, Inc.	013938/0327	Clayton S. HAAPALA

0370.1835C	250417	US	10/403,235	3/26/2003	7,706,316	4/27/2010	Processing an incoming packet of unknown protocol by encapsulating the packet and sending it to another processor	Cisco Technology, Inc.	013955/0062	Timothy J. KUIK
0370.1836C	263041	US	10/402,036	3/28/2003	7,231,518	6/12/2007	System and method for authenticating a storage device for use with driver software in a storage network	Cisco Technology, Inc.	013926/0157	Mark A. BAKKE
0370.1836CON	954629	US	11/736,414	4/17/2007	7,366,902	4/29/2008	System and method for authenticating a storage device for use with driver software in a storage network	Cisco Technology, Inc.	013926/0157	Mark A. BAKKE
0370.1837C	262757	US	10/403,227	3/26/2003	7,246,221	7/17/2007	Boot disk replication for network booting of remote servers	Cisco Technology, Inc.	013955/0039	SOLTIS et al.
0370.1838C2	950925	US	11/421,455	5/31/2006	8,799,764	8/5/2014	Method and system for parameterized web documents	Cisco Technology, Inc.	023180/0327	KAUSIK et al.
0370.1838CIP	684174	US	09/838,822	4/19/2001	7,139,976	11/21/2006	Method and system for parameterized web documents	Cisco Technology, Inc.	023180/0327	KAUSIK et al.
0370.1839C	660957	US	11/280,539	11/16/2005	8,260,908	9/4/2012	Techniques for sequencing system log messages	Cisco Technology, Inc.	017254/0125	CHANG et al.
0370.1840C	687628	US	11/237,081	9/28/2005	8,503,624	8/6/2013	Method and apparatus to process an incoming message	Cisco Technology, Inc.	017046/0395	SHAFFER et al.

0370.1840i	687628-23895	WO	PCT/US2006/033387	8/28/2006	N/A	4/16/2009	Method and apparatus to process an incoming message	Cisco Technology, Inc.	017046/0395	SHAFFER et al.
0370.1841C	677868	US	11/334,909	1/19/2006	7,706,741	4/27/2010	Integrated mobile communication and broadcast program reproduction device	Cisco Technology, Inc.	017484/0493	PATEL et al.
0370.1844C	556614	US	11/613,804	12/20/2006	7,706,298	4/27/2010	Route dependency selective route download	Cisco Technology, Inc.	018661/0767	FERNANDO et al.
0370.1844P	896637	US	60/756,300	1/5/2006	N/A	N/A	ROUTE DEPENDENCY SELECTIVE ROUTE DOWNLOAD	Cisco Technology, Inc.	018661/0767	FERNANDO et al.
0370.1845C	584282	US	11/351,429	2/10/2006	8,020,006	9/13/2011	Pipeline for high-throughput encrypt functions	Cisco Technology, Inc.	017573/0913	Arthur Tung-Tak LEUNG, JR.
0370.1847C	584329	US	11/379,530	4/20/2006	8,085,675	12/27/2011	Method and apparatus to test a data path in a network	Cisco Technology, Inc.	017503/0679	HOQUE et al.
0370.1848C1	832771	US	11/272,461	11/9/2005	8,010,685	8/30/2011	Method and apparatus for content classification	Cisco Technology, Inc.	017405/0106	SINGH et al.
0370.1848C2	832777	US	11/271,209	11/9/2005	7,535,909	5/19/2009	Method and apparatus to process packets in a network	Cisco Technology, Inc.	017236/0736	SINGH et al.
0370.1848C3	789922	US	11/271,133	11/9/2005	7,936,682	5/3/2011	Detecting malicious attacks using network behavior and header analysis	Cisco Technology, Inc.	017229/0905	SINGH et al.
0370.1848P	789797	US	60/522,810	11/9/2004	N/A	N/A	Detecting network attacks using resilient content and header analysis	Cisco Technology, Inc.	016925/0140	Sumeet SINGH

0370.1849C	670285	US	11/278,371	3/31/2006	8,971,511	3/3/2015	METHOD AND APPARATUS FOR ENHANCING SPEAKER SELECTION	Cisco Technology, Inc.	017404/0383	SHAFFER et al.
0370.1851C	688329	US	11/277,295	3/23/2006	8,625,749	1/7/2014	Content sensitive do-not-disturb (DND) option for a communication system	Cisco Technology, Inc.	017356/0157	JAIN et al.
0370.1852C	729424	US	11/278,903	4/6/2006	7,653,183	1/26/2010	Method and apparatus to provide data to an interactive voice response (IVR) system	Cisco Technology, Inc.	017432/0580	PATEL et al.
0370.1852i	729424-19923	WO	PCT/US07/66120	4/6/2007	N/A	10/11/2007	Method and apparatus to provide data to an interactive voice response (IVR) system	Cisco Technology, Inc.	017432/0580	PATEL et al.
0370.1853C	798130	US	11/463,254	8/8/2006	8,503,681	8/6/2013	Method and system to securely transport data encryption keys	Cisco Technology, Inc.	018074/0010	MCGREW et al.
0370.1853P	816925	US	60/733,370	11/4/2005	N/A	N/A	Encrypted key transport for secure RTP	Cisco Technology, Inc.	018074/0010	MCGREW et al.
0370.1854C	951476	US	11/556,123	11/2/2006	8,554,980	10/8/2013	Triggered notification	Cisco Technology, Inc.	018475/0189	Patrick Glen BOSE
0370.1854P	828933	US	60/733,822	11/4/2005	N/A	N/A	Third Party Notification System	Cisco Technology, Inc.	018475/0189	Patrick Glen BOSE
0370.1855C	499713	US	11/318,217	12/23/2005	7,889,712	2/15/2011	Methods and apparatus for providing loop free routing tables	Cisco Technology, Inc.	017371/0796	TALUR et al.
0370.1855P	666881	US	60/638,954	12/23/2004	N/A	N/A	Algorithm for loop free remote nexthop resolution in the Routing Table	Cisco Technology, Inc.	017371/0796	TALUR et al.

0370.1857C	702648	US	11/369,358	3/6/2006	8,347,376	1/1/2013	Techniques for distributing a new communication key within a virtual private network	Cisco Technology, Inc.	017661/0635	WEIS et al.
0370.1858C	794442	US	11/363,728	2/28/2006	7,557,806	7/7/2009	Method to protect display text from eavesdropping	Cisco Technology, Inc.	017630/0537	Mark Ka Yau NG
0370.1859C	589211	US	11/379,216	4/18/2006	8,738,761	5/27/2014	Method and system to capture and playback network activity	Cisco Technology, Inc.	017490/0156	RAISONI et al.
0370.1861C	791258	US	11/460,198	7/26/2006	8,886,934	11/11/2014	AUTHORIZING PHYSICAL ASSESS-LINKS FOR SECURE NETWORK CONNECTIONS	Cisco Technology, Inc.	018006/0617	ECKERT et al.
0370.1863i	840983-20489	WO	PCT/US07/67843	5/1/2007	N/A	11/15/2007	MANAGING CONFERENCE CALL PARTICIPANTS IN A ROSTER	Cisco Technology, Inc.	017584/0028	SHARMA et al.
0370.1864C	864240	US	11/419,583	5/22/2006	7,962,743	6/14/2011	System and method for protected spoke to spoke communication using an unprotected computer network	Cisco Technology, Inc.	017653/0121	Scott FLUHRER
0370.1865C	637495	US	11/379,920	4/24/2006	8,160,255	4/17/2012	System and method for encrypted group network communication with point-to-point privacy	Cisco Technology, Inc.	017517/0007	Scott FLUHRER
0370.1866C	765907	US	11/466,380	8/22/2006	8,442,206	5/14/2013	Method of responding to an incoming voice call	Cisco Technology, Inc.	018154/0638	KHOURI et al.
0370.1867C	724185	US	11/421,049	5/30/2006	7,899,783	3/1/2011	Monitoring data integrity	Cisco Technology, Inc.	017697/0515	XU et al.

0370.1868C	828450	US	11/460,212	7/26/2006	8,068,601	11/29/2011	Queuing and routing telephone calls	Cisco Technology, Inc.	018006/0665	SHAFFER et al.
0370.1868DIV	976982	US	13/283,273	10/27/2011	8,320,876	11/27/2012	Queuing and routing telephone calls	Cisco Technology, Inc.	018006/0665	SHAFFER et al.
0370.1869C	784615	US	11/277,058	3/21/2006	8,547,855	10/1/2013	Method and apparatus to schedule multiple probes for active or passive monitoring of networks	Cisco Technology, Inc.	017338/0219	ZINGALE et al.
0370.1871C	848078	US	11/379,044	4/17/2006	8,065,292	11/22/2011	Generating an index for a network search engine	Cisco Technology, Inc.	017863/0582	Gilbert YU
0370.1872C	829839	US	11/279,714	4/13/2006	7,586,877	9/8/2009	Method and system to determine and communicate the presence of a mobile device in a predefined zone	Cisco Technology, Inc.	017470/0278	GITS et al.
0370.1873C	749243	US	11/561,286	11/17/2006	7,978,599	7/12/2011	Method and system to identify and alleviate remote overload	Cisco Technology, Inc.	018533/0735	STONE et al.
0370.1874C	821884	US	11/460,215	7/26/2006	7,961,851	6/14/2011	Method and system to select messages using voice commands and a telephone user interface	Cisco Technology, Inc.	018006/0682	BRAN et al.
0370.1875C	923590	US	11/460,933	7/28/2006	8,255,535	8/28/2012	Method and system to generate execution-based scheduling signature for an application	Cisco Technology, Inc.	018021/0259	DINI et al.
0370.1876C	838969	US	11/468,909	8/31/2006	8,019,893	9/13/2011	Method and device to process network data	Cisco Technology, Inc.	018193/0953	BALESTRIERE et al.

0370.1876CON	975232	US	13/186,190	7/19/2011	8,386,645	2/26/2013	Method and device to process network data	Cisco Technology, Inc.	018193/0953	BALESTRIERE et al.
0370.1879C	850162	US	11/461,386	7/31/2006	8,670,537	3/11/2014	Adjusting audio volume in a conference call environment	Cisco Technology, Inc.	018037/0245	METZGER et al.
0370.1880C	857963	US	11/558,799	11/10/2006	8,311,197	11/13/2012	Method and system for allocating, revoking and transferring resources in a conference system	Cisco Technology, Inc.	018508/0123	SHAFFER et al.
0370.1881C	871155	US	11/466,388	8/22/2006	7,885,674	2/8/2011	Determining which channels are accessible by a communication device in a push-to-talk communication network	Cisco Technology, Inc.	018154/0647	SHAFFER et al.
0370.1882C	950099	US	11/466,390	8/22/2006	8,630,190	1/14/2014	Method and system to identify a network device associated with poor QoS	Cisco Technology, Inc.	018154/0661	GOYAL et al.
0370.1883C	951231	US	11/558,809	11/10/2006	7,764,973	7/27/2010	Controlling playback of recorded media in a push-to-talk communication environment	Cisco Technology, Inc.	018508/0163	SHAFFER et al.
0370.1884C	950567	US	11/625,552	1/22/2007	8,427,959	4/23/2013	Bandwidth based selection for routing data	Cisco Technology, Inc.	018786/0447	ALVAREZ et al.
0370.1885C	949903	US	11/619,941	1/4/2007	7,813,843	10/12/2010	Ad-hoc mobile IP network for intelligent transportation system	Cisco Technology, Inc.	018709/0926	PATEL et al.
0370.1885CN2	976613	US	13/241,966	9/23/2011	8,311,726	11/13/2012	Ad-hoc mobile IP network for intelligent transportation system	Cisco Technology, Inc.	018709/0926	PATEL et al.

0370.1885CN3	982111	US	13/620,228	9/14/2012	8,620,491	12/31/2013	Ad-hoc mobile IP network for intelligent transportation system	Cisco Technology, Inc.	018709/0926	PATEL et al.
0370.1885CN4	990498	US	14/095,653	12/3/2013	8,938,353	1/20/2015	AD-HOC MOBILE IP NETWORK FOR INTELLIGENT TRANSPORTATION SYSTEM	Cisco Technology, Inc.	018709/0926	PATEL et al.
0370.1885CON	972407	US	12/902,012	10/11/2010	8,036,782	10/11/2011	Ad-hoc mobile IP network for intelligent transportation system	Cisco Technology, Inc.	018709/0926	PATEL et al.
0370.1886i	950760-23698	WO	PCT/US2007/080581	10/5/2007	N/A	4/24/2008	INDICATING OR REMARKING OF A DSCP FOR RTP OF A FLOW (CALL) TO AND FROM A SERVER	Cisco Technology, Inc.	019241/0321	POLK et al.
0370.1887C	951418	US	11/668,334	1/29/2007	7,953,867	5/31/2011	Session description protocol (SDP) capability negotiation	Cisco Technology, Inc.	018819/0409	Flemming Stig ANDREASEN
0370.1887P	952995	US	60/864,916	11/8/2006	N/A	N/A	SESSION DESCRIPTION PROTOCOL (SDP) CAPABILITY NEGOTIATION	Cisco Technology, Inc.	018819/0409	Flemming Stig ANDREASEN
0370.1888C	951409	US	11/559,579	11/14/2006	7,848,337	12/7/2010	Auto probing endpoints for performance and fault management	Cisco Technology, Inc.	018517/0184	WENG et al.
0370.1888CON	972639	US	12/950,916	11/19/2010	8,451,745	5/28/2013	Auto probing endpoints for performance and fault management	Cisco Technology, Inc.	018517/0184	WENG et al.
0370.1889C	892709	US	11/673,296	2/9/2007	7,930,386	4/19/2011	Network discovery and dynamic adaptation of insufficient QoS resources	Cisco Technology, Inc.	018876/0799	DAVIS et al.

0370.1890C	950831	US	11/691,385	3/26/2007	8,305,895	11/6/2012	Adaptive cross-network message bandwidth allocation by message servers	Cisco Technology, Inc.	019065/0913	CHANG et al.
0370.1890CON	981627	US	13/598,456	8/29/2012	8,948,010	2/3/2015	Adaptive cross-network message bandwidth allocation by message servers	Cisco Technology, Inc.	019065/0913	CHANG et al.
0370.1891C	951284	US	11/694,334	3/30/2007	8,331,972	12/11/2012	Resolving potential conflicts in interoperability communications	Cisco Technology, Inc.	019095/0108	SHAFFER et al.
0370.1892C	951461	US	11/691,756	3/27/2007	8,619,642	12/31/2013	Controlling a jitter buffer	Cisco Technology, Inc.	019070/0969	SHAFFER et al.
0370.1893C	733898	US	11/871,508	10/12/2007	8,625,610	1/7/2014	System and method for improving spoke to spoke communication in a computer network	Cisco Technology, Inc.	020138/0714	ASATI et al.
0370.1894C	952634	US	11/756,465	5/31/2007	7,752,504	7/6/2010	System diagnostics with dynamic contextual information of events	Cisco Technology, Inc.	019474/0894	CHANG et al.
0370.1895C	952785	US	11/857,633	9/19/2007	7,865,774	1/4/2011	Multiprocessor core dump retrieval	Cisco Technology, Inc.	020058/0793	SUNAVALA et al.
0370.1896C	952336	US	11/954,831	12/12/2007	8,346,961	1/1/2013	System and method for using routing protocol extensions for improving spoke to spoke communication in a computer network	Cisco Technology, Inc.	021071/0618	ASATI et al.
0370.1898C	953474	US	11/769,601	6/27/2007	8,115,777	2/14/2012	Enhancing contact center interactions for people having impaired senses	Cisco Technology, Inc.	019672/0374	JAIN et al.

0370.1899C	952840	US	12/039,507	2/28/2008	7,965,174	6/21/2011	Integrated building device monitoring network	Cisco Technology, Inc.	020904/0304	WONG et al.
0370.1901C	953037	US	11/856,461	9/17/2007	8,160,112	4/17/2012	Buffering a media stream	Cisco Technology, Inc.	020037/0362	SHAFFER et al.
0370.1902C	952697	US	11/949,561	12/3/2007	8,121,130	2/21/2012	Determining an optimal route advertisement in a reactive routing environment	Cisco Technology, Inc.	020345/0007	WHITE et al.
0370.1902CON	977444	US	13/345,003	1/6/2012	8,705,539	4/22/2014	Determining a route advertisement in a reactive routing environment	Cisco Technology, Inc.	020345/0007	WHITE et al.
0370.1903C	955231	US	10/721,753	11/26/2003	7,890,995	2/15/2011	System and method for remote management of communications networks	Cisco Technology, Inc.	020860/0257	SHIM et al.
0370.1904C	955099	US	10/727,976	12/5/2003	7,450,568	11/11/2008	System and method for managing a VoIP network	Cisco Technology, Inc.	020860/0257	SHIM et al.
0370.1905C	955234	US	11/125,323	5/10/2005	7,577,239	8/18/2009	Tracking and controlling the impact of unwanted messages	Cisco Technology, Inc.	020860/0257	SHIM et al.
0370.1905P	955233	US	60/569,239	5/10/2004	N/A	N/A	System and method for blocking VoIP messages	Cisco Technology, Inc.	020860/0257	SHIM et al.
0370.1907C	955235	US	10/941,070	9/15/2004	7,805,517	9/28/2010	System and method for load balancing a communications network	Cisco Technology, Inc.	020860/0257	SHIM et al.
0370.1910C	955252	US	11/436,195	5/18/2006	7,965,650	6/21/2011	Method and system for quality monitoring of media over internet protocol (MOIP)	Cisco Technology, Inc.	020860/0257	BYUN et al.

0370.1911C	955256	US	11/217,421	9/2/2005	7,702,087	4/20/2010	Method and apparatus for activating and managing VoIP phone with RFID	Cisco Technology, Inc.	020860/0257	SHIM et al.
0370.1913C	951330	US	11/842,460	8/21/2007	8,792,487	7/29/2014	COMMUNICATION PATH SELECTION	Cisco Technology, Inc.	020037/0640	KHALID et al.
0370.1914C	955251	US	11/403,202	4/13/2006	7,894,488	2/22/2011	Apparatus and method for monitoring quality metrics associated with a wireless network	Cisco Technology, Inc.	020860/0257	Choon B. SHIM
0370.1914CON	972861	US	12/971,530	12/17/2010	8,559,327	10/15/2013	Apparatus and method for monitoring quality metrics associated with a wireless network	Cisco Technology, Inc.	020860/0257	Choon B. SHIM
0370.1915C	953020	US	12/013,176	1/11/2008	8,711,729	4/29/2014	Host route convergence based on sequence values	Cisco Technology, Inc.	020408/0042	KATUKAM et al.
0370.1916C	952311	US	11/951,161	12/5/2007	8,171,494	5/1/2012	Providing identity to a portal with a redirect	Cisco Technology, Inc.	020559/0483	CHAMPAGNE et al.
0370.1917C	955162	US	12/126,424	5/23/2008	8,391,185	3/5/2013	Method to transport bidir PIM over a multiprotocol label switched network	Cisco Technology, Inc.	021152/0697	WIJNANDS et al.
0370.1917P	955174	US	60/932,358	5/29/2007	N/A	N/A	METHOD TO TRANSPORT BIDIR PIM OVER A MULTIPROTOCOL LABEL SWITCHED NETWORK	Cisco Technology, Inc.	021152/0697	WIJNANDS et al.
0370.1918C	955253	US	11/555,484	11/1/2006	8,243,599	8/14/2012	Method and apparatus for high resolution passive network latency measurement	Cisco Technology, Inc.	020860/0257	BECKER et al.

0370.1919C	955254	US	11/565,181	11/30/2006	8,218,458	7/10/2012	Method and apparatus for voice conference monitoring	Cisco Technology, Inc.	020860/0257	FLYNN et al.
0370.1920C	953291	US	11/946,673	11/28/2007	7,852,774	12/14/2010	User datagram protocol traceroute probe extension	Cisco Technology, Inc.	020345/0001	SHEN et al.
0370.1921C	950042	US	11/853,610	9/11/2007	8,077,713	12/13/2011	Dynamic update of a multicast tree	Cisco Technology, Inc.	020088/0820	VASSEUR et al.
0370.1922C	953989	US	12039534	2/28/2008	8,731,047	5/20/2014	Mixing of video content	Cisco Technology, Inc.	021011/0774	BAUGHER et al.
0370.1923C	954972	US	12/142,245	6/19/2008	7,969,983	6/28/2011	Network Scaling with Summarized Internet Protocol Label Switched Paths	Cisco Technology, Inc.	021152/0718	GUICHARD et al.
0370.1923P	955480	US	60/947,318	6/29/2007	N/A	N/A	METHOD AND APPARATUS TO SCALE IP LABEL SWITCHED PATHS	Cisco Technology, Inc.	021152/0718	GUICHARD et al.
0370.1924C	955360	US	12/147,265	6/26/2008	8,565,248	10/22/2013	Pure control-plane approach for on-path connection admission control operations in multiprotocol label switching virtual private networks	Cisco Technology, Inc.	021190/0827	LE FAUCHEUR et al.
0370.1925C	954759	US	12/036,653	2/25/2008	7,808,888	10/5/2010	Network fault correlation in multi-route configuration scenarios	Cisco Technology, Inc.	020768/0774	KIBEL et al.
0370.1926C	955665	US	12/111,336	4/29/2008	8,238,338	8/7/2012	Interior gateway protocol summarization preserving internet protocol reachability information	Cisco Technology, Inc.	021071/0540	SWALLOW et al.

0370.1926P	956067	US	60/972659	9/14/2007	N/A	N/A	IGP Summarization Preserving IP Reachability Information	Cisco Technology, Inc.	021071/0540	SWALLOW et al.
0370.1927C	954654	US	12044196	3/7/2008	7,839,767	11/23/2010	Path reroute in a computer network	Cisco Technology, Inc.	020786/0615	Jean-Philippe Marcel VASSEUR
0370.1928C	954760	US	11/969,045	1/3/2008	8,385,228	2/26/2013	Communication paradigm switching based on link quality information	Cisco Technology, Inc.	022350/0186	SHAFFER et al.
0370.1929C	955472	US	12049108	3/14/2008	8,537,743	9/17/2013	Priority-based multimedia stream transmissions	Cisco Technology, Inc.	020797/0522	BARAVE et al.
0370.1930C	956427	US	10/751,340	1/3/2004	8,036,143	10/11/2011	Method and apparatus for device communications	Cisco Technology, Inc.	021222/0619	LOVY et al.
0370.1930CON	976456	US	13/234,711	9/16/2011	8,797,919	8/5/2014	Methods and apparatuses for device communications	Cisco Technology, Inc.	021222/0619	LOVY et al.
0370.1930P	956425	US	60/437,896	1/3/2003	N/A	N/A	System for controlling networked multimedia devices	Cisco Technology, Inc.	021222/0619	LOVY et al.
0370.1931C	953048	US	11/967,931	12/31/2007	8,423,668	4/16/2013	Link state protocol routing message containment	Cisco Technology, Inc.	020700/0407	YADAV et al.
0370.1932C	950258	US	12050686	3/18/2008	8,259,584	9/4/2012	Dynamic reroute of network traffic	Cisco Technology, Inc.	020831/0870	VASSEUR et al.
0370.1932CON	981451	US	13/598,350	8/29/2012	8,964,564	2/24/2015	DYNAMIC REROUTE OF NETWORK TRAFFIC	Cisco Technology, Inc.	020831/0870	VASSEUR et al.
0370.1933C	956158	US	12/188,982	8/8/2008	8,994,830	3/31/2015	ACCESS TO VIDEO STREAMS ON MOBILE COMMUNICATION DEVICES	Cisco Technology, Inc.	021527/0903	SHAFFER et al.

0370.1934C	956180	US	12/188,993	8/8/2008	8,107,403	1/31/2012	Method and apparatus for unicast and multicast media processing	Cisco Technology, Inc.	021495/0925	BARAVE et al.
0370.1935C	955710	US	12/198,689	8/26/2008	8,874,056	10/28/2014	IDENTIFYING CHANNELS IN A COMMUNICATION NETWORK	Cisco Technology, Inc.	022476/0443	SEN et al.
0370.1936C	951559	US	12/061,233	4/2/2008	7,895,320	2/22/2011	Method and system to monitor network conditions remotely	Cisco Technology, Inc.	021103/0679	OGGERINO et al.
0370.1937C	956570	US	09/001,850	12/31/1997	6,711,622	3/23/2004	Video and audio streaming for multiple users	Cisco Technology, Inc.	022343/0340	FULLER et al.
0370.1937CIP	956578	US	09/565,563	5/4/2000	6,732,183	5/4/2004	Video and audio streaming for multiple users	Cisco Technology, Inc.	022343/0340	John J. GRAHAM
0370.1937CON	958723	US	10/783,187	2/20/2004	7,325,066	1/29/2008	Video and audio streaming for multiple users	Cisco Technology, Inc.	022346/0320	FULLER et al.
0370.1937CP2	958725	US	10/783,075	2/20/2004	7,310,680	12/18/2007	Video and audio streaming for multiple users	Cisco Technology, Inc.	022346/0320	John J. GRAHAM
0370.1938C	958727	US	11/318,067	12/23/2005	8,595,377	11/26/2013	Apparatus and method for flexible delivery of multiple digital video streams	Cisco Technology, Inc.	022346/0320	APGAR et al.
0370.1939C	958032	US	12/337,528	12/17/2008	8,255,932	8/28/2012	Application of an embedded instrumentation interface definition language	Cisco Technology, Inc.	022160/0904	CLEMM et al.
0370.1939CON	980948	US	13/588,866	8/17/2012	8,954,998	2/10/2015	Application of an Embedded Instrumentation Interface Definition Language	Cisco Technology, Inc.	022160/0904	CLEMM et al.
0370.1940C	554700	US	11/073,046	3/4/2005	8,332,485	12/11/2012	Lock optimization and lock prediction approaches for reducing client-server messages	Cisco Technology, Inc.	016358/0006	BEN-SHAUL et al.

0370.1941C	956043	US	12/186,954	8/6/2008	8,554,883	10/8/2013	Apparatus and method for sharing a generic configuration across a group of network devices	Cisco Technology, Inc.	022349/0771	Ganesh Chennimalai SANKARAN
0370.1941CON	990615	US	14/032,281	9/20/2013	8,799,427	8/5/2014	APPARATUS AND METHOD FOR SHARING A GENERIC CONFIGURATION ACROSS A GROUP OF NETWORK DEVICES	Cisco Technology, Inc.	022349/0771	Ganesh Chennimalai SANKARAN
0370.1945C	958392	US	12262746	10/31/2008	8,315,744	11/20/2012	Distributing power to networked devices	Cisco Technology, Inc.	021913/0313	CHATTERTON et al.
0370.1947C	958395	US	12/371,285	2/13/2009	8,799,474	8/5/2014	APPARATUS AND METHOD TO ALLOCATE LIMITED RESOURCES	Cisco Technology, Inc.	022401/0861	CHATTERTON et al.
0370.1948C	956553	US	12/326,756	12/2/2008	8,428,247	4/23/2013	Echo mitigation in a conference call	Cisco Technology, Inc.	023623/0653	FRAUENTHAL et al.
0370.1949C	957364	US	12336469	12/16/2008	7,969,867	6/28/2011	Backup route generation in border gateway protocol	Cisco Technology, Inc.	022136/0782	ROSEN et al.
0370.1950C	958855	US	12/347950	12/31/2008	8,242,926	8/14/2012	Energy-saving status indicator	Cisco Technology, Inc.	022201/0274	BYERS et al.
0370.1953C	523872	US	11/065,871	2/25/2005	7,710,865	5/4/2010	Disaster recovery for active-standby data center using route health and BGP	Cisco Technology, Inc.	016337/0204	NASEH et al.
0370.1953CON	961336	US	12/420,241	4/8/2009	8,243,588	8/14/2012	Disaster recovery for active-standby data center using route health and BGP	Cisco Technology, Inc.	016337/0204	NASEH et al.

0370.1954C	959152	US	12/476,914	6/2/2009	8,553,527	10/8/2013	System and method for dynamically assigning values in a network	Cisco Technology, Inc.	022860/0332	SHAND et al.
0370.1955C	958399	US	10/815,008	3/30/2004	7,702,718	4/20/2010	Providing enterprise information	Cisco Technology, Inc.	021796/0475	BATRA et al.
0370.1955i	958399-24276	WO	PCT/US2005/010382	3/25/2005	N/A	10/20/2005	Providing enterprise information	Cisco Technology, Inc.	021796/0475	BATRA et al.
0370.1956C	959273	US	12/414,425	3/30/2009	8,295,181	10/23/2012	Transfer of network traffic for multi-homed devices	Cisco Technology, Inc.	022604/0957	BRADFORD et al.
0370.1957C	959587	US	12/415,926	3/31/2009	8,605,603	12/10/2013	Route convergence based on ethernet operations, administration, and maintenance protocol	Cisco Technology, Inc.	022612/0098	HILL et al.
0370.1958C	610357	US	12/491,034	6/24/2009	8,121,136	2/21/2012	Dynamic discovery mechanisms via inter-domain routing protocol	Cisco Technology, Inc.	024062/0758	ASATI et al.
0370.1958CON	977264	US	13/365,597	2/3/2012	8,897,311	11/25/2014	DYNAMIC DISCOVERY MECHANISMS VIA INTER-DOMAIN ROUTING PROTOCOL	Cisco Technology, Inc.	024062/0758	ASATI et al.
0370.1959C	954458	US	12/467,918	5/19/2009	8,867,349	10/21/2014	REGULATION OF NETWORK TRAFFIC IN VIRTUAL PRIVATE NETWORKS	Cisco Technology, Inc.	022777/0579	MARTINI et al.
0370.1960C	960480	US	12/509,140	7/24/2009	8,130,675	3/6/2012	Carrier ethernet service discovery, correlation methodology and apparatus	Cisco Technology, Inc.	023081/0634	RAGHAVENDRAN et al.

0370.1961C	960100	US	12/536,427	8/5/2009	8,503,329	8/6/2013	Signaling of attachment circuit status and automatic discovery of inter-chassis communication peers	Cisco Technology, Inc.	023189/0614	MULLOOLY et al.
0370.1963C	523875	US	11/066,955	2/25/2005	7,769,886	8/3/2010	Application based active-active data center network using route health injection and IGP	Cisco Technology, Inc.	016342/0321	NASEH et al.
0370.1964C	78881	US	09/752,075	12/29/2000	7,085,279	8/1/2006	Method and apparatus for carrying telephony network traffic over an ATM network	Cisco Technology, Inc.	012246/0269	KUMAR et al.
0370.1964DIV	795193	US	11/258,695	10/25/2005	7,848,313	12/7/2010	Method and apparatus for carrying telephony network traffic over an ATM network	Cisco Technology, Inc.	012246/0269	KUMAR et al.
0370.1966C	85361	US	09/749,178	12/26/2000	7,039,014	5/2/2006	Network-wide connection-based debug mechanism	Cisco Technology, Inc.	011421/0482	KRISHNAMURTHY et al.
0370.1966CON	892575	US	11/359,843	2/21/2006	7,848,245	12/7/2010	Network-wide connection-based debug mechanism	Cisco Technology, Inc.	011421/0482	KRISHNAMURTHY et al.
0370.1968C	12341	US	09/265,508	3/9/1999	7,006,493	2/28/2006	A virtual voice port configured to connect a switched voice call to a permanent voice call	Cisco Technology, Inc.	009933/0968	TASKER et al.

0370.1969C	155805	US	09/496,990	2/2/2000	7,673,057	3/2/2010	Hybrid connection admission control using combined model-based and measurement-based estimators	Cisco Technology, Inc.	010537/0609	YIP et al.
0370.1970C	950995	US	11/615,191	12/22/2006	8,161,119	4/17/2012	Network device provided spam reporting button for instant messaging	Cisco Technology, Inc.	018672/0226	PIRZADA et al.
0370.1971C	950828	US	11/669,636	1/31/2007	7,843,856	11/30/2010	Determination of available service capacity in dynamic network access domains	Cisco Technology, Inc.	018833/0145	RAMAKRISHNAN et al.
0370.1972C	949744	US	11/559,581	11/14/2006	8,065,438	11/22/2011	Modification to AS.sub.--path elements	Cisco Technology, Inc.	018517/0291	MEHTA et al.
0370.1973C	950967	US	11/673,261	2/9/2007	8,046,415	10/25/2011	Throttling of mass mailings using network devices	Cisco Technology, Inc.	018876/0371	SZETO et al.
0370.1974C	955180	US	12/241,445	9/30/2008	7,916,729	3/29/2011	Automatic RD rewrite technique to achieve fast convergence in inter-as networks	Cisco Technology, Inc.	021783/0189	MOHAPATRA et al.
0370.1975C	952278	US	11/748,314	5/14/2007	8,205,255	6/19/2012	Anti-content spoofing (ACS)	Cisco Technology, Inc.	019468/0672	BENEA et al.
0370.1975i	952278-24437	WO	PCT/US08/63386	5/12/2008	N/A	2/19/2009	Anti-content spoofing (ACS)	Cisco Technology, Inc.	019468/0672	BENEA et al.
0370.1976C	949889	US	11/427,696	6/29/2006	7,873,833	1/18/2011	Detection of frequent and dispersed invariants	Cisco Technology, Inc.	018154/0209	SINGH et al.
0370.1976DIV	972899	US	12/956,725	11/30/2010	8,185,745	5/22/2012	Detection of frequent and dispersed invariants	Cisco Technology, Inc.	018154/0209	SINGH et al.
0370.1976i	949889-22649	WO	PCT/US07/71560	6/19/2007	N/A	1/3/2008	Detection of frequent and dispersed invariants	Cisco Technology, Inc.	018154/0209	SINGH et al.

0370.1977C	950312	US	11/563,730	11/28/2006	8,484,733	7/9/2013	Messaging security device	Cisco Technology, Inc.	018555/0806	PIRZADA et al.
0370.1977i	950312-23849	WO	PCT/US07/85597	11/27/2007	N/A	10/23/2008	Messaging security device	Cisco Technology, Inc.	018555/0806	PIRZADA et al.
0370.1978C	572047	US	11/669799	1/31/2007	8,745,179	6/3/2014	Managing Multiple Application Configuration Versions in a Heterogeneous Network	Cisco Technology, Inc.	018835/0628	RAGHAVAN et al.
0370.1981C	956142	US	12/062,292	4/3/2008	8,531,447	9/10/2013	Reactive virtual environment	Cisco Technology, Inc.	020792/0564	WALKER et al.
0370.1981CON	990331	US	14/014,853	8/30/2013	8,817,022	8/26/2014	Reactive Virtual Environment	Cisco Technology, Inc.	020792/0564	WALKER et al.
0370.1982C	955799	US	12/036,906	2/25/2008	8,473,519	6/25/2013	Unified communication audit tool	Cisco Technology, Inc.	020557/0086	SIDDIQUI et al.
0370.1982CON	986777	US	13/921,561	6/19/2013	8,959,074	2/17/2015	UNIFIED COMMUNICATION AUDIT TOOL	Cisco Technology, Inc.	020557/0086	SIDDIQUI et al.
0370.1984C	961724	US	12/709,271	2/19/2010	8,233,479	7/31/2012	Protocol independent multicast in a point-to-multipoint network	Cisco Technology, Inc.	023965/0620	WIJNANDS et al.
0370.1985C	969950	US	12/965,435	12/10/2010	8,553,533	10/8/2013	System and method for providing improved failover performance for pseudowires	Cisco Technology, Inc.	025592/0072 and 026533/0627	TAYLOR et al.
0370.1985i	969950-31749	WO	PCT/US2011/064245	12/9/2011	N/A	6/14/2012	System and method for providing improved failover performance for pseudowires	Cisco Technology, Inc.	025592/0072 and 026533/0627	TAYLOR et al.
0370.1986C	975426	US	13/366,987	2/6/2012	8,953,770	2/10/2015	RETURNING MISSED PHONE CALLS	Cisco Technology, Inc.	027716/0142	Kumar K.A. PRADEEP

0370.1988C	976640	US	13/419,232	3/13/2012	8,893,137	11/18/2014	TRANSACTION-BASED SHARED MEMORY PROTECTION FOR HIGH AVAILABILITY ENVIRONMENTS	Cisco Technology, Inc.	027857/0834	Paul Jacques THERRIEN
0370.1989C	977499	US	13/565,087	8/2/2012	8,891,375	11/18/2014	SYSTEM AND METHOD FOR VIRTUAL ETHERNET INTERFACE BINDING	Cisco Technology, Inc.	028710/0233	WANG et al.
0370.1989i	977499-37612	WO	PCT/US2013/051835	7/24/2013	N/A	2/6/2014	SYSTEM AND METHOD FOR VIRTUAL ETHERNET INTERFACE BINDING	Cisco Technology, Inc.	028710/0233	WANG et al.
0370.1990C	977660	US	13/568,162	8/7/2012	8,792,502	7/29/2014	DUPLICATE MAC ADDRESS DETECTION	Cisco Technology, Inc.	028735/0130	RAJAMANICKAM et al.
0370.1994C	983506	US	13/968,792	8/16/2013	9,007,221	4/14/2015	LIQUID COOLING OF RACK-MOUNTED ELECTRONIC EQUIPMENT	Cisco Technology, Inc.	032515/0263	ZEIGHAMI et al.
0370.1997C	985383	US	10/170,848	6/11/2002	7,370,096	5/6/2008	Methods and systems to generate and implement a changeover sequence to reconfigure a connection-oriented network	Cisco Technology, Inc.	031950/0173	GOUS et al.
0370.1997CON	985384	US	11/927,956	10/30/2007	7,958,209	6/7/2011	Methods and systems to generate and implement a changeover sequence to reconfigure a connection-oriented network	Cisco Technology, Inc.	031990/0173	GOUS et al.

0370.1997i	985382-37318	WO	PCT/US2002/018707	6/11/2002	N/A	12/27/2002	METHOD AND SYSTEM FOR NETWORK CONTROL	Cisco Technology, Inc.	031990/0173	GOUS et al.
0370.1997P	985382	US	60/298,489	6/14/2001	N/A	N/A	METHOD AND SYSTEM FOR NETWORK CONTROL	Cisco Technology, Inc.	031990/0173	GOUS et al.
0370.2000i	985387-37319	WO	PCT/US2003/033116	10/17/2003	N/A	4/29/2004	METHOD AND SYSTEM FOR TRAFFIC ENGINEERING IN AN IP NETWORK	Cisco Technology, Inc.	031990/0173	Alan GOUS
0370.2001C	985388	US	10/937,988	9/9/2004	7,505,413	3/17/2009	Methods and systems to perform traffic engineering in a metric-routed network	Cisco Technology, Inc.	031990/0173	Alan Thornton GOUS
0370.2001DIV	985389	US	12/023,957	1/31/2008	7,782,773	8/24/2010	Metric optimization for traffic engineering in a metric-routed network	Cisco Technology, Inc.	031990/0173	Alan Thornton GOUS
0370.2003C	985392	US	11/341,057	1/27/2006	7,734,813	6/8/2010	Method and system for communicating predicted network behavior between interconnected networks	Cisco Technology, Inc.	031990/0173	GOUS et al.
0370.2003i	985391-37325	WO	PCT/US2006/003168	1/27/2006	N/A	8/3/2006	METHOD AND SYSTEM FOR COMMUNICATING MODELS OF NETWORK BEHAVIOR BETWEEN NETWORKS	Cisco Technology, Inc.	031990/0173	GOUS et al.
0370.2003P	985391	US	60/647,900	1/28/2005	N/A	N/A	METHOD AND SYSTEM FOR COMMUNICATING MODELS OF NETWORK BEHAVIOR BETWEEN NETWORKS	Cisco Technology, Inc.	031990/0173	GOUS et al.

0370.2006C	959332	US	11/749,639	5/16/2007	7,752,360	7/6/2010	Method and system to map virtual PCIe I/O devices and resources to a standard I/O bus	Cisco Technology, Inc.	027165/0432	Michael GALLES
0370.2007i	959333-25169	WO	PCT/US2009/037551	3/18/2009	N/A	9/24/2009	METHOD AND SYSTEM TO ADJUST CN CONTROL LOOP PARAMETERS AT A CONGESTION POINT	Cisco Technology, Inc.	027165/0432	RIVERS et al.
0370.2008P	959334	US	60/941,510	6/1/2007	N/A	N/A	APPARATUS AND METHOD FOR APPLYING NETWORK POLICY TO COMMUNICATIONS ORIGINATING AT OPERATING SYSTEM VIRTUAL INTERFACES	Cisco Technology, Inc.	027165/0432	RIVERS et al.
0370.2009C	959336	US	11/762,575	6/13/2007	8,661,518	2/25/2014	N-port ID virtualization (NPIV) proxy module, NPIV proxy switching system and methods	Cisco Technology, Inc.	027230/0020	DODDAPANENI et al.
0370.2010C	959337	US	11/972,055	1/10/2008	7,773,519	8/10/2010	Method and system to manage network traffic congestion	Cisco Technology, Inc.	027230/0020	PRABHAKAR et al.
0370.2010CON	971465	US	12/851,353	8/5/2010	8,477,615	7/2/2013	Method and system to manage network traffic congestion	Cisco Technology, Inc.	027230/0020	PRABHAKAR et al.
0370.2010i	959337-25204	WO	PCT/US2009/039784	4/7/2009	N/A	10/14/2010	Method and system to manage network traffic congestion	Cisco Technology, Inc.	027230/0020	PRABHAKAR et al.

0370.2011C	959338	US	11/924,274	10/25/2007	8,407,364	3/26/2013	Apparatus and method for providing a congestion measurement in a network	Cisco Technology, Inc.	027165/0432	PRABHAKAR et al.
0370.2012C	959340	US	12/140,224	6/16/2008	8,321,908	11/27/2012	Apparatus and method for applying network policy at a network device	Cisco Technology, Inc.	027165/0432	GAI et al.
0370.2012P	959339	US	60/944,443	6/15/2007	N/A	N/A	APPARATUS AND METHOD FOR APPLYING NETWORK POLICY AT A NETWORK DEVICE	Cisco Technology, Inc.	027165/0432	GAI et al.
0370.2013C	959342	US	11/971,080	1/8/2008	8,621,132	12/31/2013	System and methods for memory expansion	Cisco Technology, Inc.	027165/0432	MAZZOLA et al.
0370.2014C	959343	US	11/971,091	1/8/2008	8,407,394	3/26/2013	System and methods for memory expansion	Cisco Technology, Inc.	027165/0432	MAZZOLA et al.
0370.2015C	959344	US	11/945,917	11/27/2007	8,170,042	5/1/2012	Transmit-side scaler and method for processing outgoing information packets using thread-based queues	Cisco Technology, Inc.	027165/0432	Shrijeet MUKHERJEE
0370.2015CON	979373	US	13/457,796	4/27/2012	8,594,113	11/26/2013	Transmit-side scaler and method for processing outgoing information packets using thread-based queues	Cisco Technology, Inc.	027165/0432	Shrijeet MUKHERJEE

0370.2015i	959344-25202	WO	PCT/US2009/039786	4/7/2009	N/A	10/14/2010	Transmit-side scaler and method for processing outgoing information packets using thread-based queues	Cisco Technology, Inc.	027165/0432	Shrijeet MUKHERJEE
0370.2016C	959345	US	11/933,790	11/1/2007	7,904,692	3/8/2011	Iommu with translation request management and methods for managing translation requests	Cisco Technology, Inc.	027392/0917	MUKHERJEE et al.
0370.2016CON	972797	US	12/986,114	1/6/2011	8,086,821	12/27/2011	Input-output memory management unit (IOMMU) and method for tracking memory pages during virtual-machine migration	Cisco Technology, Inc.	027392/0917	MUKHERJEE et al.
0370.2016i	959345-25203	WO	PCT/US2009/039790	4/7/2009	N/A	10/14/2010	Iommu with translation request management and methods for managing translation requests	Cisco Technology, Inc.	027392/0917	MUKHERJEE et al.
0370.2017C	959407	US	12/722,431	3/11/2010	8,798,058	8/5/2014	PROVIDING FIBRE CHANNEL SERVICES AND FORWARDING FIBRE CHANNEL OVER ETHERNET FRAMES	Cisco Technology, Inc.	024435/0702	James Paul RIVERS
0370.2017i	959407-29535	WO	PCT/US2010/027036	3/11/2010	N/A	9/16/2010	PROVIDING FIBRE CHANNEL SERVICES AND FORWARDING FIBRE CHANNEL OVER ETHERNET FRAMES	Cisco Technology, Inc.	024435/0702	James Paul RIVERS

0370.2017P	961070	US	61/159,603	3/12/2009	N/A	N/A	SYSTEMS AND METHODS FOR PROVIDING FIBRE CHANNEL SERVICES	Cisco Technology, Inc.	024435/0702	James Paul RIVERS
0370.2018C	959408	US	12/641,142	12/17/2009	8,325,602	12/4/2012	Method and system to manage network traffic congestion in networks with link layer flow control	Cisco Technology, Inc.	024033/0975	RIVERS et al.
0370.2018P	960541	US	61/138,767	12/18/2008	N/A	N/A	METHOD AND SYSTEM TO MANAGE NETWORK TRAFFIC CONGESTION IN NETWORKS WITH LINK LAYER FLOW CONTROL	Cisco Technology, Inc.	024033/0975	RIVERS et al.
0370.2019C	959409	US	12/634,367	12/9/2009	8,689,017	4/1/2014	Server power manager and method for dynamically managing server power consumption	Cisco Technology, Inc.	023647/0833	Satyanarayana NISHTALA
0370.2019P	961071	US	61/159,617	3/12/2009	N/A	N/A	SERVER POWER MANAGER AND METHOD FOR DYNAMICALLY MANAGING SERVER POWER CONSUMPTION	Cisco Technology, Inc.	023647/0833	Satyanarayana NISHTALA
0370.2023C	9904	US	08/535,347	9/28/1995	6,185,222	2/6/2001	An asymmetric switch architecture for use in a network switch node	Cisco Technology, Inc.	008800/0585	David A. HUGHES
0370.2023CIP	10019	US	09/010,891	1/22/1998	6,477,174	11/5/2002	Polling response selection using request monitoring in a network switch apparatus	Cisco Technology, Inc.	008999/0232	DOOLEY et al.

0370.2023CON	269136	US	10/245,932	9/17/2002	7,072,350	7/4/2006	Polling response selection using request monitoring in a network switch apparatus	Cisco Technology, Inc.	008999/0232	DOOLEY et al.
0370.2023i	9904-845	WO	PCT/US1996/14637	9/12/1996	N/A	4/3/1997	An asymmetric switch architecture for use in a network switch node	Cisco Technology, Inc.	008999/0232	David A. HUGHES
0370.2024C	155170	US	09/216,004	12/17/1998	7,233,600	6/19/2007	Method and apparatus for dynamic DSP resource management	Cisco Technology, Inc.	009682/0679	CHAU et al.
0370.2024i	155170-877	WO	PCT/US1999/29690	12/13/1999	N/A	6/22/2000	Method and apparatus for dynamic DSP resource management	Cisco Technology, Inc.	009682/0679	CHAU et al.
0370.2025C	155173	US	09/208,823	12/9/1998	6,636,484	10/21/2003	Automatic generation of OAM cells for connection continuity detection	Cisco Technology, Inc.	009642/0449	AGRAWAL et al.
0370.2026C	23467	US	09/216,647	12/18/1998	6,615,257	9/2/2003	A Secure multi-user cable modem configuration editor and viewer	Cisco Technology, Inc.	009849/0541	LEE et al.
0370.2027C	155583	US	09/405,787	9/27/1999	7,133,417	11/7/2006	Multipath voice switching method and apparatus	Cisco Technology, Inc.	011060/0614	KAO et al.
0370.2028C	155580	US	09/406,211	9/27/1999	6,580,696	6/17/2003	Multi-adaptation for a voice packet-based echo canceller	Cisco Technology, Inc.	011060/0614	CHEN et al.
0370.2032i	949850-20568	WO	PCT/US07/68105	5/3/2007	N/A	12/13/2007	Proactive Credential Distribution	Cisco Technology, Inc.	017903/0464	SALOWEY et al.
0370.2033C	950303	US	11/681,277	3/2/2007	8,713,669	4/29/2014	Multi-domain dynamic group virtual private networks	Cisco Technology, Inc.	018952/0413	GUICHARD et al.

0370.2035C	951169	US	11/737,007	4/18/2007	8,705,348	4/22/2014	Use of metadata for time based anti-replay	Cisco Technology, Inc.	019178/0382	FLUHRER et al.
0370.2036C	951456	US	11/739,892	4/25/2007	8,549,584	10/1/2013	Physical security triggered dynamic network authentication and authorization	Cisco Technology, Inc.	019210/0148	SINGH et al.
0370.2036i	951456-24384	WO	PCT/US08/61084	4/22/2008	N/A	11/6/2008	Physical security triggered dynamic network authentication and authorization	Cisco Technology, Inc.	019210/0148	SINGH et al.
0370.2037C	955016	US	12/115,677	5/6/2008	8,381,268	2/19/2013	Network authorization status notification	Cisco Technology, Inc.	021264/0050	WINGET et al.
0370.2037P	955022	US	60/917,451	5/11/2007	N/A	N/A	Network Authorization Status	Cisco Technology, Inc.	021264/0050	WINGET et al.
0370.2038C	953703	US	11/860,358	9/24/2007	8,214,466	7/3/2012	Virtualization of scalable role-based command line interface views	Cisco Technology, Inc.	019869/0319	KHAN et al.
0370.2039C	954411	US	11/968,488	1/2/2008	8,806,629	8/12/2014	AUTOMATIC GENERATION OF POLICY-DRIVEN ANTI-MALWARE SIGNATURES AND MITIGATION OF DOS (DENIAL-OF-SERVICE) ATTACKS	Cisco Technology, Inc.	020307/0527	CHEREPOV et al.
0370.2040P	956201	US	60/976,217	9/28/2007	N/A	N/A	IDENTITY ASSOCIATION WITHIN A COMMUNICATION SYSTEM	Cisco Technology, Inc.	020528/0137	Scott Grier WESTLAKE
0370.2041C	955749	US	12/112,717	4/30/2008	8,095,595	1/10/2012	Summarization of immersive collaboration environment	Cisco Technology, Inc.	020880/0979	BOBBITT et al.

0370.2043C	955474	US	12/127,397	5/27/2008	8,892,149	11/18/2014	INTEROPERABILITY AND COMMUNICATIONS SYSTEM DYNAMIC MEDIA PROXY BASED ON CAPABILITY NEGOTIATION	Cisco Technology, Inc.	021003/0843	SHAFFER et al.
0370.2044C	955797	US	12/112,456	4/30/2008	8,504,488	8/6/2013	Network data mining to determine user interest	Cisco Technology, Inc.	020879/0741	DUTTA et al.
0370.2133C	958502	US	12339732	19-Dec-08	8,281,049	2-Oct-12	Host-daughtercard configuration with double data rate bus	Cisco Technology, Inc.	022009/0598	James Everett GRISHAW
0370.2145C	954322	US	11/876,498	22-Oct-07	8,503,989	6-Aug-13	Dynamic contact list	Cisco Technology, Inc.	019996/0231	KASTURI et al.
0370.2147C	978234	US	13481184	25-May-12	8,584,942	19-Nov-13	Systems and methods for network inventory management utilizing mobile technology	Cisco Technology, Inc.	028281/0111	RAYES et al.
0370.2148C	979862	US	13483950	30-May-12	8,649,690	11-Feb-14	Optical communication reception system	Cisco Technology, Inc.	028327/0933 and 029839/0834	GEHRKE et al.
0370.2150C	960991	US	13083147	8-Apr-11	8,776,202	8-Jul-14	Method and apparatus to scale authenticated firewall traversal using trusted routing point	Cisco Technology, Inc.	026113/0773	RAVINDRANATH et al.
0370.2151C	982380	US	13/828,455	14-Mar-13	8,873,899	28-Oct-14	Modal rotation in optical waveguides	Cisco Technology, Inc.	030193/0385	ANDERSON et al.
0370.2152C	613021	US	11/178,647	11-Jul-05	8,838,829	16-Sep-14	Pseudowire (PW) switching type-length-value (TLV)	Cisco Technology, Inc.	016771/0862	MARTINI et al.
0370.2154C	973936	US	13291847	8-Nov-11	8,891,552	18-Nov-14	Managed access to mobile endpoints	Cisco Technology, Inc.	027208/0570	JOSHI et al.

0370.2156C	420351	US	13398478	16-Feb-12	8,938,148	20-Jan-15	Variable optical attenuator	Cisco Technology, Inc.	027724/0726	Brice D. ACHKIR
0370.2164C	974062	US	13301352	21-Nov-11	8,585,228	19-Nov-13	Viewing angle system for backlighted displays	Cisco Technology, Inc.	027257/0258	HAYDEN et al.
0370.2165C	977966	US	13434388	29-Mar-12	8,799,230	5-Aug-14	Method and system for centralized issue tracking	Cisco Technology, Inc.	027960/0660	PIGNATARO et al.
0370.2166C	4851	US	09/137,158	20-Aug-98	6,121,693	19-Sep-00	Distributed Power System	Cisco Technology, Inc.	009408/0577	Agnes G. ROCK
0370.2167C	33101	US	09/267,745	15-Mar-99	6,539,026	25-Mar-03	Apparatus and method for delay management in a data communications network	Cisco Technology, Inc.	009831/0927	John G. WACLAWSKY pH.D.
0370.2168C	33241	US	09/305,947	6-May-99	6,453,430	17-Sep-02	Apparatus and Methods For Controlling Restart Conditions of a Faulted Process	Cisco Technology, Inc.	009955/0093	SINGH et al.
0370.2169C	36741	US	09/429,228	28-Oct-99	6,741,688	25-May-04	Method and apparatus for handling telephone calls	Cisco Technology, Inc.	010359/0296	Hunyue YAU
0370.2170C	37661	US	09/317,381	24-May-99	6,876,668	5-Apr-05	Apparatus and methods for dynamic bandwidth allocation	Cisco Technology, Inc.	010002/0945	CHAWLA et al.
0370.2171C	37667	US	09/358,084	21-Jul-99	6,771,661	3-Aug-04	Apparatus and methods for providing event-based data communications device configuration	Cisco Technology, Inc.	010130/0225	CHAWLA et al.
0370.2171CON	473203	US	10/889,390	12-Jul-04	7,564,872	21-Jul-09	Apparatus and methods for providing event-based data communications device configuration	Cisco Technology, Inc.	010130/0225	CHAWLA et al.

0370.2172C	38381	US	09/515,198	29-Feb-00	6,757,897	29-Jun-04	Apparatus and methods for scheduling and performing tasks	Cisco Technology, Inc.	010603/0785	SHI et al.
0370.2173C	42581	US	09/406,249	27-Sep-99	6,633,549	14-Oct-03	Auto-detection of ISDN BRI services	Cisco Technology, Inc.	010317/0475	Rohit Anand FEDANE
0370.2173CON	349079	US	10/684,161	10-Oct-03	6,990,125	24-Jan-06	Auto-detection of ISDN BRI services	Cisco Technology, Inc.	010317/0475	Rohit Anand FEDANE
0370.2174C	42741	US	09/430,653	29-Oct-99	6,628,649	30-Sep-03	Apparatus and methods providing redundant routing in a switched network device	Cisco Technology, Inc.	010768/0758	RAJ et al.
0370.2175C	55361	US	09/481,776	12-Jan-00	6,754,232	22-Jun-04	Dynamic codec speed selection and bandwidth pre-allocation in a voice packet network method and apparatus	Cisco Technology, Inc.	010513/0742	Michael E. TASKER
0370.2176C	57461	US	09/536,648	27-Mar-00	6,792,474	14-Sep-04	Apparatus and methods for allocating addresses in a network	CISCO TECHNOLOGY, INC.	010651/0786	HOPPRICH et al.
0370.2176CON	530650	US	10/921,663	19-Aug-04	7,792,993	7-Sep-10	Apparatus and methods for allocating addresses in a network	Cisco Technology, Inc.	015716/0046	HOPPRICH et al.
0370.2177C	59541	US	09/921,869	2-Aug-01	7,032,129	18-Apr-06	Fail-over support for legacy voice mail systems in New World IP PBXs	Cisco Technology, Inc.	012055/0639	BORRESEN et al.
0370.2177CON	949914	US	11/367,264	3-Mar-06	7,380,164	27-May-08	Fail-over support for legacy voice mail systems in New World IP PBXs	Cisco Technology, Inc.	012055/0639	BORRESEN et al.

0370.2178C	60861	US	09/539,733	30-Mar-00	6,765,926	20-Jul-04	Bit rearranging unit for network data, method for rearranging bits, and software for enabling the same	Cisco Technology, Inc.	010720/0910	PRICE et al.
0370.2179C	69301	US	10/071,811	7-Feb-02	7,577,726	18-Aug-09	Method for updating a hardware configuration of a networked communications device	Cisco Technology, Inc.	012584/0040	CONARD et al.
0370.2180C	80207	US	09/629,032	31-Jul-00	6,873,604	29-Mar-05	Method and apparatus for transitioning comfort noise in an IP-based telephony system	Cisco Technology, Inc.	011237/0642	SURAZSKI et al.
0370.2181C	83221	US	09/944,252	30-Aug-01	7,154,852	26-Dec-06	Devices, softwares and methods for dynamic bandwidth allocation for ATM connections	Cisco Technology, Inc.	012173/0240	KALIMUTHU et al.
0370.2182C	83981	US	09/737,173	13-Dec-00	6,714,644	30-Mar-04	Ringing scheduling for FXS ports on platforms with limited power supply	Cisco Technology, Inc.	011714/0679	COHN et al.
0370.2183C	90121	US	09/734,783	11-Dec-00	7,027,389	11-Apr-06	Fast failure detection using RTT time considerations on a non-retransmit medium	Cisco Technology, Inc.	011553/0879	Randall R. STEWART
0370.2184C	90621	US	09/812,134	19-Mar-01	7,433,311	7-Oct-08	Methods and apparatus for allocating resources in a communications system	Cisco Technology, Inc.	011629/0245	KALYANASUNDARAM et al.

0370.2185C	92781	US	09/811,969	19-Mar-01	7,116,682	3-Oct-06	Methods and apparatus for dynamic bandwidth adjustment	Cisco Technology, Inc.	011625/0827	WACLAWSKY et al.
0370.2186C	93221	US	09/751,348	27-Dec-00	6,728,876	27-Apr-04	Method and apparatus to use non-volatile read/write memory for bootstrap code and processes by relocating write instructions	Cisco Technology, Inc.	011676/0849	Jainendra KUMAR
0370.2186CON	441607	US	10/806,721	22-Mar-04	7,228,411	5-Jun-07	Method and apparatus to use-volatile read/write memory for bootstrap code and processes by relocating write instructions	Cisco Technology, Inc.	015965/0852	Jainendra KUMAR
0370.2187C	93281	US	10/038,539	3-Jan-02	7,177,304	13-Feb-07	Devices, softwares and methods for prioritizing between voice data packets for discard decision purposes	Cisco Technology, Inc.	012450/0202	MO et al.
0370.2188C	93301	US	10/038,337	3-Jan-02	7,170,855	30-Jan-07	Devices, softwares and methods for selectively discarding indicated ones of voice data packets received in a jitter buffer	Cisco Technology, Inc.	012449/0904	MO et al.
0370.2189C	94181	US	09/922,175	1-Aug-01	7,945,650	17-May-11	Identifying modular chassis composition by using network physical topology information	Cisco Technology, Inc.	012050/0388	James KRACHT

0370.2189CIP	154419	US	10/131,538	23-Apr-02	7,203,750	10-Apr-07	Method and apparatus for controlling the dissemination of information via HTTP by using network physical topology information	Cisco Technology, Inc.	012836/0692	James KRACHT
0370.2189DIV	974404	US	13090072	19-Apr-11	8,842,576	23-Sep-14	Identifying modular chassis composition by using network physical topology information	Cisco Technology, Inc.	033287/0433	James KRACHT
0370.2190C	95321	US	09/912,852	24-Jul-01	6,963,909	8-Nov-05	Controlling the response domain of a bootP/DHCP server by using network physical topology information	Cisco Technology, Inc.	012277/0088	HUEY et al.
0370.2191C	95421	US	09/848,123	2-May-01	7,042,996	9-May-06	Method and apparatus for cas-based ring limiting of FXS ports	Cisco Technology, Inc.	011781/0118	Somnath MITRA
0370.2192C	99688	US	09/758,911	10-Jan-01	7,593,355	22-Sep-09	Method and apparatus for an enhanced VoIP call initiation interface	Cisco Technology, Inc.	012013/0920	SURAZSKI et al.
0370.2193C	122595	US	09/947,595	5-Sep-01	7,035,915	25-Apr-06	Method and apparatus for IP address assignment	Cisco Technology, Inc.	012158/0919	HUO et al.
0370.2194C	140068	US	09/974,963	9-Oct-01	7,020,080	28-Mar-06	Method and apparatus for prevention of flow starvation with weighted fair queuing	Cisco Technology, Inc.	012248/0210	MITRA et al.

0370.2195C	141408	US	10/040,699	28-Dec-01	7,310,344	18-Dec-07	Method and system for an instant messenger home automation system interface using a home router	Cisco Technology, Inc.	012460/0126	John Ah SUE
0370.2196C	144043	US	10/077,241	14-Feb-02	7,032,167	18-Apr-06	Method and apparatus for a document parser specification	Cisco Technology, Inc.	012609/0589	CLEASBY et al.
0370.2197C	144053	US	10/091,997	5-Mar-02	7,240,126	3-Jul-07	Method and system for parsing for use in a server and web browser	Cisco Technology, Inc.	012671/0067	CLEASBY et al.
0370.2198C	144088	US	10/032,194	20-Dec-01	7,149,186	12-Dec-06	Apparatus and method for rate adaptation control	Cisco Technology, Inc.	012419/0648	Geroge Michael HEY
0370.2199C	150308	US	10/256,525	26-Sep-02	7,327,752	5-Feb-08	Method and apparatus of universal cross connect	Cisco Technology, Inc.	013339/0235	MITRA et al.
0370.2200C	157635	US	09/751,822	28-Dec-00	7,305,616	4-Dec-07	Document builder for interactive dynamic documentation web site	Cisco Technology, Inc.	011413/0693	NELSON et al.
0370.2201C	157644	US	09/839,975	20-Apr-01	7,499,972	3-Mar-09	B2B service center communications using locate collaborate transact methodology	Cisco Technology, Inc.	011738/0926	BUONANNO et al.
0370.2202C	161778	US	10/209,611	29-Jul-02	6,703,875	9-Mar-04	Device for emulating phase-locked loop and method for same	Cisco Technology, Inc.	013480/0414	Tsu-Yau CHUANG
0370.2203C	176211	US	10/171,189	11-Jun-02	6,690,449	10-Feb-04	LCD power loss indication	Cisco Technology, Inc.	013002/0537	INGLIS et al.
0370.2204C	178932	US	10/231,783	28-Aug-02	7,426,182	16-Sep-08	Method of managing signal processing resources	Cisco Technology, Inc.	013267/0975	WANG et al.

0370.2205C	179751	US	10/235,114	4-Sep-02	7,200,678	3-Apr-07	Selecting network address offered by a plurality of servers based on server identification information	Cisco Technology, Inc.	013263/0556	BETTADAHALLI et al.
0370.2206C	227224	US	10/378,760	3-Mar-03	7,697,568	13-Apr-10	Method and system for automatic modem bandwidth detection in a router	Cisco Technology, Inc.	013844/0115	ZHANG et al.
0370.2207C	231198	US	10/898,105	22-Jul-04	7,756,542	13-Jul-10	Managing a radio environment without location information	Cisco Technology, Inc.	015619/0773	KAISER et al.
0370.2208C	260697	US	10/387,813	12-Mar-03	7,167,548	23-Jan-07	Method and apparatus for modifying gain settings in a connection interface	Cisco Technology, Inc.	013867/0530	Rohit Anand FEDANE
0370.2209C	268408	US	10/440,276	16-May-03	6,965,224	15-Nov-05	Method and apparatus for testing synchronization circuitry	Cisco Technology, Inc.	014095/0515	George Michael HEY
0370.2210C	276853	US	10/637,333	8-Aug-03	7,619,169	17-Nov-09	Method and apparatus for reducing electromagnetic radiated emissions from a chassis	Cisco Technology, Inc.	014386/0782	HO et al.
0370.2211C	277610	US	10/681,870	8-Oct-03	7,484,011	27-Jan-09	Apparatus and method for rate limiting and filtering of HTTP(S) server connections in embedded systems	Cisco Technology, Inc.	014594/0622	AGASAVEERAN et al.

0370.2212C	285474	US	10/654,309	2-Sep-03	7,574,217	11-Aug-09	Method for dynamic configuration of a mobile access point	Cisco Technology, Inc.	014477/0601	LEUNG et al.
0370.2213C	286650	US	10/652,058	29-Aug-03	7,870,604	11-Jan-11	Methods and apparatus to configure network nodes supporting virtual connections	Cisco Technology, Inc.	014459/0192	GUICHARD et al.
0370.2213DIV	972772	US	12966722	13-Dec-10	8,792,504	29-Jul-14	Methods and apparatus to configure network nodes supporting virtual connections	Cisco Technology, Inc.	014459/0192	GUICHARD et al.
0370.2214C	286657	US	10/649,755	26-Aug-03	7,373,660	13-May-08	Methods and apparatus to distribute policy information	Cisco Technology, Inc.	014447/0440	GUICHARD et al.
0370.2215C	309557	US	10/674,079	29-Sep-03	7,698,456	13-Apr-10	Methods and apparatus to support routing of information	Cisco Technology, Inc.	016591/0955	GUICHARD et al.
0370.2216C	311528	US	10/680,601	6-Oct-03	7,369,559	6-May-08	Adaptive call admission control for calls handled over a compressed clear channel	Cisco Technology, Inc.	014598/0180	GARAKANI et al.
0370.2217C	328074	US	10/912,595	4-Aug-04	7,385,945	10-Jun-08	Eliminating multicast/broadcast collisions in a wireless local area network	Cisco Technology, Inc.	015666/0717	OLSON et al.
0370.2218C	382649	US	10/911,434	3-Aug-04	7,242,226	10-Jul-07	Method and apparatus for avoiding false switching in an electronic device	Cisco Technology, Inc.	015664/0069	Theodore Hogeland CONRAD, III
0370.2219C	388864	US	10/761,109	19-Jan-04	7,050,801	23-May-06	Method and system for hitless wireless roaming in a mobile environment	Cisco Technology, Inc.	015270/0762	SEGAL et al.

0370.2220C	417787	US	10/888,691	9-Jul-04	7,680,074	16-Mar-10	Method and apparatus for optimizing cell operation toward better speech quality in wireless packet-switching networks	Cisco Technology, Inc.	015569/0059	XU et al.
0370.2221C	432226	US	10/931737	1-Sep-04	7,876,714	25-Jan-11	Techniques for managing conference schedules using groups	Cisco Technology, Inc.	015768/0618	ETHIER et al.
0370.2221CP2	475542	US	10/984402	9-Nov-04	7,881,233	1-Feb-11	Techniques for planning a conference using location data	Cisco Technology, Inc.	015981/0047	BIESELIN et al.
0370.2221CP3	475545	US	10/983,283	5-Nov-04	7,881,232	1-Feb-11	Techniques for managing expenses for a conference scheduled using availability data	Cisco Technology, Inc.	015981/0064	BIESELIN et al.
0370.2221DIV	973052	US	12972158	17-Dec-10	8,594,291	26-Nov-13	Techniques for planning a conference using location data	Cisco Technology, Inc.	015981/0047	BIESELIN et al.
0370.2222C	445736	US	10/988,754	15-Nov-04	7,848,332	7-Dec-10	Method and apparatus for classifying a network protocol and aligning a network protocol header relative to cache line boundary	Cisco Technology, Inc.	015999/0417	LEE et al.
0370.2222CON	972848	US	12947535	16-Nov-10	8,599,855	3-Dec-13	Network protocol header alignment	Cisco Technology, Inc.	015999/0417	LEE et al.
0370.2223C	456091	US	10/982,620	3-Nov-04	7,656,861	2-Feb-10	Method and apparatus for interleaving text and media in a real-time transport session	Cisco Technology, Inc.	015720/0300	JONES et al.

0370.2224C	458644	US	11/178,141	8-Jul-05	7,529,256	5-May-09	Communication device client update system and method	Cisco Technology, Inc.	016773/0980	Arnavkumar M. PATHAN
0370.2225C	467717	US	11/001,368	30-Nov-04	8,116,442	14-Feb-12	Method and apparatus for audio conference bridge initiated remote device muting	Cisco Technology, Inc.	016051/0785	Phillip A. REMAKER
0370.2226C	472809	US	11/009,257	9-Dec-04	7,382,797	3-Jun-08	Mechanism to select the physical media type connector in network devices	Cisco Technology, Inc.	016156/0654	NOONE et al.
0370.2227C	474267	US	11/018368	21-Dec-04	7,464,243	9-Dec-08	Method and apparatus for arbitrarily initializing a portion of memory	Cisco Technology, Inc.	016122/0503	HARIDAS et al.
0370.2229C	478546	US	10/961,773	7-Oct-04	7,113,392	26-Sep-06	Integrated mechanical standoff and wall-mount apparatus	Cisco Technology, Inc.	015897/0200	LU et al.
0370.2230C	480567	US	11/102,085	7-Apr-05	7,653,048	26-Jan-10	Method and apparatus for providing optimal VoIP call routing in VRF environment	Cisco Technology, Inc.	021224/0108	CAO et al.
0370.2231C	486181	US	11/073,317	3-Mar-05	7,370,362	6-May-08	Method and apparatus for locating rogue access point switch ports in a wireless network	Cisco Technology, Inc.	016476/0770	OLSON et al.
0370.2232C	487667	US	11/056,545	11-Feb-05	8,037,204	11-Oct-11	Method and system for IP train inauguration	Cisco Technology, Inc.	016284/0372	BRETON et al.

0370.2233C	495606	US	11/142,031	31-May-05	7,620,708	17-Nov-09	Automatic discovery of controlling policy enforcement point in a policy push model	Cisco Technology, Inc.	016649/0686	Flemming S. ANDREASEN
0370.2234C	499428	US	11/112,657	21-Apr-05	7,260,118	21-Aug-07	Methods and systems for generating an accurate adaptive clock	Cisco Technology, Inc.	016503/0165	Joji Thomas MEKKATTUPARAMBAN
0370.2235C	502317	US	11/255828	22-Oct-05	8,286,183	9-Oct-12	Techniques for task management using presence	Cisco Technology, Inc.	017123/0878	BAIRD et al.
0370.2236C	504178	US	11/189,357	26-Jul-05	7,599,303	6-Oct-09	System and methods for sending trace messages	Cisco Technology, Inc.	016818/0987	NADEAU et al.
0370.2237C	510082	US	11/001,149	1-Dec-04	7,583,593	1-Sep-09	System and methods for detecting network failure	Cisco Technology, Inc.	016049/0914	GUICHARD et al.
0370.2238C	526750	US	11/203,801	15-Aug-05	7,609,620	27-Oct-09	Method and apparatus using multiprotocol label switching (MPLS) label distribution protocol (LDP) to establish label switching paths (LSPS) for directed forwarding	Cisco Technology, Inc.	016895/0124	RAJ et al.
0370.2239C	537450	US	11/048,077	1-Feb-05	7,433,320	7-Oct-08	System and methods for network path detection	Cisco Technology, Inc.	016243/0312	PREVIDI et al.
0370.2240C	540893	US	11/159,719	23-Jun-05	7,505,402	17-Mar-09	Method and apparatus for providing faster convergence for redundant sites	Cisco Technology, Inc.	016723/0804	FILSFILS et al.
0370.2241C	545329	US	11/063,803	23-Feb-05	7,471,636	30-Dec-08	Methods and apparatus based on message transmission times	Cisco Technology, Inc.	016328/0389	VASSEUR et al.

0370.2242C	548365	US	11/072,082	4-Mar-05	7,990,888	2-Aug-11	System and methods for network reachability detection	Cisco Technology, Inc.	016358/0916 and 021827/0131	NADEAU et al.
0370.2243C	554983	US	11/138,052	26-May-05	7,936,668	3-May-11	Methods and apparatus for distributing label information	Cisco Technology, Inc.	016607/0551	GUICHARD et al.
0370.2244C	563350	US	11/152,523	14-Jun-05	7,408,941	5-Aug-08	Method for auto-routing of multi-hop pseudowires	Cisco Technology, Inc.	016695/0227	MARTINI et al.
0370.2245C	563996	US	11/214,521	30-Aug-05	7,668,178	23-Feb-10	Methods and apparatus for implementing VPN services	Cisco Technology, Inc.	016941/0594	MARTINI et al.
0370.2246C	565980	US	11/169,417	29-Jun-05	7,602,778	13-Oct-09	System and methods for compressing message headers	Cisco Technology, Inc.	016747/0931	GUICHARD et al.
0370.2247C	566005	US	11/187,341	21-Jul-05	7,720,462	18-May-10	Network communications security enhancing	Cisco Technology, Inc.	016806/0545	Steve CHU
0370.2248C	570858	US	11/250,010	13-Oct-05	7,869,436	11-Jan-11	Methods and apparatus for connecting to virtual networks using non supplicant authentication	Cisco Technology, Inc.	017106/0766	ADLER et al.
0370.2249C	582918	US	11/216,963	31-Aug-05	7,733,876	8-Jun-10	Inter-autonomous-system virtual private network with autodiscovery and connection signaling	Cisco Technology, Inc.	016951/0342	DAVIE et al.
0370.2250C	587471	US	11/153,649	15-Jun-05	7,773,611	10-Aug-10	Method and apparatus for packet loss detection	Cisco Technology, Inc.	016695/0849	BOOTH et al.
0370.2251C	596688	US	11/287,093	22-Nov-05	7,620,870	17-Nov-09	Data compression method and system	Cisco Technology, Inc.	017292/0854	SRINIVASAN et al.

0370.2252C	603037	US	11/186580	21-Jul-05	7,724,887	25-May-10	User interface for call history	Cisco Technology, Inc.	016798/0324	JENNINGS et al.
0370.2254C	613045	US	11/580,167	11-Oct-06	8,081,563	20-Dec-11	Protecting multi-segment pseudowires	Cisco Technology, Inc.	018416/0101	GUICHARD et al.
0370.2255C	613427	US	11/430,208	8-May-06	7,839,847	23-Nov-10	Methods and apparatus providing VPN traffic matrix construction	Cisco Technology, Inc.	017884/0116	NADEAU et al.
0370.2256C	617591	US	11/226,011	14-Sep-05	7,688,829	30-Mar-10	System and methods for network segmentation	Cisco Technology, Inc.	017000/0786	GUICHARD et al.
0370.2257C	618820	US	11/281,017	16-Nov-05	7,885,392	8-Feb-11	Method and apparatus for enhanced voice massage addressing and playback via a phone interface	Cisco Technology, Inc.	017254/0552	Timothy Joseph FUJITA-YUHAS
0370.2258C	631448	US	11/361,299	24-Feb-06	8,160,055	17-Apr-12	System and methods for identifying network path performance	Cisco Technology, Inc.	017627/0001	NADEAU et al.
0370.2259C	633588	US	11/287911	28-Nov-05	8,045,473	25-Oct-11	Tailored relief for congestion on application servers for real time communications	Cisco Technology, Inc.	017289/0202	Michael Philip HAMMER
0370.2260C	637465	US	11/363,840	27-Feb-06	7,675,860	9-Mar-10	Method and apparatus for determining a preferred backup tunnel to protect point-to-multipoint label switch paths	Cisco Technology, Inc.	017634/0276	VASSEUR et al.
0370.2261C	661056	US	11/328,436	9-Jan-06	7,912,934	22-Mar-11	Methods and apparatus for scheduling network probes	Cisco Technology, Inc.	017691/0450	MELTON et al.
0370.2262C	664745	US	11/350,991	9-Feb-06	7,613,826	3-Nov-09	Methods and apparatus for providing multiple policies for a virtual private network	Cisco Technology, Inc.	017557/0807	GUICHARD et al.

0370.2263C	687367	US	11/524,723	20-Sep-06	7,933,257	26-Apr-11	Using QoS tunnels for TCP latency optimization	Cisco Technology, Inc.	019672/0896	Carl David SUTTON
0370.2264C	727669	US	11/444,059	31-May-06	7,965,656	21-Jun-11	Building multipoint pseudo wires using a multipoint label distribution protocol (MLDP)	Cisco Technology, Inc.	017960/0619	WIJNANDS et al.
0370.2265C	738892	US	11/347,182	3-Feb-06	7,742,477	22-Jun-10	Interconnectivity between autonomous systems	Cisco Technology, Inc.	017548/0018	GUICHARD et al.
0370.2267C	741027	US	11/430116	8-May-06	7,461,180	2-Dec-08	Method and apparatus for synchronizing use of buffer descriptor entries for shared data packets in memory	Cisco Technology, Inc.	022052/0695	LEE et al.
0370.2268C	778716	US	11/393,152	29-Mar-06	7,769,044	3-Aug-10	Voice over internet protocol favoring aggregating technology in a WLAN	Cisco Technology, Inc.	017701/0717	Xiaode XU
0370.2269C	780852	US	11/353,508	13-Feb-06	7,924,890	12-Apr-11	Apparatus and method for increasing reliability of data sensitive to packet loss	Cisco Technology, Inc.	018098/0731	Praveen KONDA
0370.2270C	792437	US	11/497,952	1-Aug-06	7,899,049	1-Mar-11	Methods and apparatus for minimizing duplicate traffic during point to multipoint tree switching in a network	Cisco Technology, Inc.	018133/0279	RAJ et al.

0370.2271C	803222	US	11/388,096	22-Mar-06	7,788,543	31-Aug-10	Methods and systems for generating and storing computer program execution trace data	Cisco Technology, Inc.	017726/0624	Jyhren Jerry CHEN
0370.2272C	842145	US	11/557,033	6-Nov-06	7,774,622	10-Aug-10	CRPTO envelope around a CPU with DRAM for image protection	Cisco Technology, Inc.	018489/0510	Somnath MITRA
0370.2273C	846044	US	11/786,506	12-Apr-07	8,009,558	30-Aug-11	Pseudowire load balancing	Cisco Technology, Inc.	019213/0348	WARD et al.
0370.2274C	852160	US	11/716,055	9-Mar-07	7,969,898	28-Jun-11	Technique for breaking loops in a communications network	Cisco Technology, Inc.	019085/0908	RAJ et al.
0370.2275C	903339	US	11/506169	17-Aug-06	8,391,255	5-Mar-13	Content throughput on wireless mesh networks	Cisco Technology, Inc.	018216/0309	RIBIERE et al.
0370.2276C	903864	US	11/456,022	6-Jul-06	8,218,528	10-Jul-12	Gateway providing third party call control	Cisco Technology, Inc.	017887/0760	Yuan CAI
0370.2277C	906305	US	11/500822	7-Aug-06	8,379,661	19-Feb-13	Methods and systems for a customer premise equipment to reverse the upstream speed and downstream speed of a network connection	Cisco Technology, Inc.	018174/0119	HSU et al.
0370.2278C	949647	US	11/552,909	25-Oct-06	7,792,097	7-Sep-10	Static, dynamic and intelligent VRF routing for services traffic	Cisco Technology, Inc.	018437/0970	WOOD et al.
0370.2278CON	971484	US	12/844,761	27-Jul-10	8,457,117	4-Jun-13	Static, dynamic and intelligent VRF routing for services traffic	Cisco Technology, Inc.	018437/0970	WOOD et al.
0370.2279C	949707	US	11/444,652	31-May-06	7,796,532	14-Sep-10	Media segment monitoring	Cisco Technology, Inc.	017922/0746	CONNOR et al.

0370.2280C	949921	US	11/682229	5-Mar-07	7,885,342	8-Feb-11	Managing bit error rates on point-to-point wireless links in a network	Cisco Technology, Inc.	018960/0845	BRAINOS et al.
0370.2281C	949987	US	12/101,918	11-Apr-08	8,452,591	28-May-13	Comfort noise information handling for audio transcoding applications	Cisco Technology, Inc.	020996/0758	WILDFEUER et al.
0370.2282C	950034	US	11/725,157	15-Mar-07	8,077,721	13-Dec-11	Methods and apparatus providing two stage tunneling	Cisco Technology, Inc.	019232/0259 and 019442/0489	RASZUK et al.
0370.2283C	950074	US	11/614,569	21-Dec-06	7,760,647	20-Jul-10	Out of band flow control	Cisco Technology, Inc.	018669/0035	LI et al.
0370.2284C	950113	US	11/696,611	4-Apr-07	8,582,557	12-Nov-13	Fax relay tunneling	Cisco Technology, Inc.	019115/0355	Herbert Michael WILDFEUER
0370.2285C	950663	US	11/468,219	29-Aug-06	7,710,959	4-May-10	Private VLAN edge across multiple switch modules	Cisco Technology, Inc.	018286/0481	RAMASAMY et al.
0370.2286C	950727	US	11/642,473	20-Dec-06	8,116,227	14-Feb-12	Optimal automated exploration of hierarchical multiprotocol label switching label switch paths	Cisco Technology, Inc.	018730/0046	PRAIRIE et al.
0370.2286CON	977580	US	13358290	25-Jan-12	8,717,936	6-May-14	Optimal automated exploration of hierarchical multiprotocol label switching label switch paths	Cisco Technology, Inc.	018730/0046	PRAIRIE et al.
0370.2287C	950751	US	11/670,381	1-Feb-07	7,937,531	3-May-11	Regularly occurring write back scheme for cache soft error reduction	Cisco Technology, Inc.	018841/0586	Somnath MITRA
0370.2288C	950813	US	11/765,094	19-Jun-07	8,862,095	14-Oct-14	Managing mobile nodes in a lawful intercept architecture	Cisco Technology, Inc.	019450/0518	POPOVICIU et al.

0370.2289C	950930	US	11/844,119	23-Aug-07	7,885,294	8-Feb-11	Signaling compression information using routing protocols	Cisco Technology, Inc.	019811/0550	PATEL et al.
0370.2290C	951056	US	12/243,491	1-Oct-08	7,860,100	28-Dec-10	Service Path Selection in a Service Network	Cisco Technology, Inc.	021628/0115	KHALID et al.
0370.2291C	951273	US	11/762,218	13-Jun-07	8,254,271	28-Aug-12	Point-to-multipoint connectivity verification	Cisco Technology, Inc.	019421/0832	NADEAU et al.
0370.2292C	951338	US	11/638,063	12-Dec-06	7,782,790	24-Aug-10	Extensions to the path verification protocol to support link bundling constructs	Cisco Technology, Inc.	018707/0977	NADEAU et al.
0370.2293C	951439	US	12/024,031	31-Jan-08	7,808,998	5-Oct-10	Disconnected transport protocol connectivity	Cisco Technology, Inc.	020452/0807	STEWART et al.
0370.2294C	951732	US	11/697,571	6-Apr-07	8,374,164	12-Feb-13	Detection of specific BFD path failures	Cisco Technology, Inc.	019138/0330	NADEAU et al.
0370.2295C	952248	US	11/713,504	2-Mar-07	7,869,351	11-Jan-11	Communication techniques and generic layer 3 automatic switching protection	Cisco Technology, Inc.	019066/0485 and 019245/0992	WARD et al.
0370.2296C	952349	US	11/673,495	9-Feb-07	8,199,680	12-Jun-12	Correlating calls after a referral	Cisco Technology, Inc.	018877/0583	CAI et al.
0370.2296CON	980254	US	13/476,428	21-May-12	8,787,213	22-Jul-14	Correlating calls after a referral	Cisco Technology, Inc.	028241/0736	CAI et al.
0370.2297C	952647	US	11/863218	27-Sep-07	7,756,038	13-Jul-10	Service advertisement framework (SAF) in a communications network	Cisco Technology, Inc.	019893/0046	SAVAGE et al.
0370.2298C	953682	US	11/780,928	20-Jul-07	8,199,746	12-Jun-12	Using PSTN reachability to verify VoIP call routing information	Cisco Technology, Inc.	019585/0563	ROSENBERG et al.

0370.2298CN1	980474	US	13493486	11-Jun-12	8,675,642	18-Mar-14	Using PSTN reachability to verify VoIP call routing information	Cisco Technology, Inc.	028369/0350	ROSENBERG et al.
0370.2298CP1	960136	US	12495615	30-Jun-09	8,228,902	24-Jul-12	Separation of validation services in VoIP address discovery system	Cisco Technology, Inc.	023322/0358	MEHMOOD et al.
0370.2298CP2	960142	US	12608545	29-Oct-09	8,223,755	17-Jul-12	Node reputation based on knowledge of PSTN calls	Cisco Technology, Inc.	023468/0850	JENNINGS et al.
0370.2298CP3	960147	US	12608484	29-Oct-09	8,228,904	24-Jul-12	Using PSTN reachability in anonymous verification of VoIP call routing information	Cisco Technology, Inc.	023468/0897	ROSENBERG et al.
0370.2298CP4	960140	US	12495595	30-Jun-09	8,274,968	25-Sep-12	Restriction of communication in VoIP address discovery system	Cisco Technology, Inc.	023322/0335	ROSENBERG et al.
0370.2298CP5	960745	US	12495639	30-Jun-09	8,228,903	24-Jul-12	Integration of VoIP address discovery with PBXs	Cisco Technology, Inc.	023322/0341	ROSENBERG et al.
0370.2299C	953706	US	11972277	10-Jan-08	8,144,600	27-Mar-12	Optimization for wireless access point management	Cisco Technology, Inc.	020351/0924	THOMSON et al.
0370.2300C	953987	US	12333858	12-Dec-08	8,311,036	13-Nov-12	Device based emergency services for cross cluster extension mobility	Cisco Technology, Inc.	021973/0116	KELLER et al.
0370.2301C	954666	US	12176125	18-Jul-08	8,094,667	10-Jan-12	RTP video tunneling through H.221	Cisco Technology, Inc.	021292/0159	Nicholas J. CUTAIA
0370.2302C	954784	US	11/934,576	2-Nov-07	7,957,295	7-Jun-11	Ethernet performance monitoring	Cisco Technology, Inc.	020067/0769	VARMA et al.
0370.2302CN2	984702	US	13826992	14-Mar-13	8,780,731	15-Jul-14	Ethernet performance monitoring	Cisco Technology, Inc.	020067/0769	VARMA et al.

0370.2302CON	974656	US	13116607	26-May-11	8,400,929	19-Mar-13	Ethernet performance monitoring	Cisco Technology, Inc.	029616/0294	VARMA et al.
0370.2303C	954942	US	11/780,941	20-Jul-07	8,204,047	19-Jun-12	Using PSTN reachability to verify caller ID information in received VoIP calls	Cisco Technology, Inc.	019585/0592	ROSENBERG et al.
0370.2304C	954943	US	11/780,975	20-Jul-07	8,072,967	6-Dec-11	VoIP call routing information registry including hash access mechanism	Cisco Technology, Inc.	019585/0613	ROSENBERG et al.
0370.2305C	955043	US	12/015,140	16-Jan-08	8,589,974	19-Nov-13	Electronic advertising using distributed demographics	Cisco Technology, Inc.	020605/0971	MENDITTO et al.
0370.2306C	955221	US	11/957,983	17-Dec-07	8,284,696	9-Oct-12	Tracking customer edge traffic	Cisco Technology, Inc.	020268/0912	YE et al.
0370.2307C	955977	US	12204342	4-Sep-08	8,510,146	13-Aug-13	Contact center sizing and broadcasting based on probabilities	Cisco Technology, Inc.	021491/0377	JORDAN et al.
0370.2308C	956070	US	12840038	20-Jul-10	8,639,844	28-Jan-14	System for establishing a media stream	Cisco Technology, Inc.	024720/0763	KUMARASAMY et al.
0370.2309C	956369	US	12403146	12-Mar-09	8,180,991	15-May-12	Adaptive memory allocation	Cisco Technology, Inc.	022397/0664	RAVINDRANATH et al.
0370.2310C	956511	US	12178415	23-Jul-08	8,358,268	22-Jan-13	Multi-touch detection	Cisco Technology, Inc.	021280/0815	David EVANS
0370.2310CON	982202	US	13717342	17-Dec-12	8,754,866	17-Jun-14	Multi-touch detection	Cisco Technology, Inc.	021280/0815	David EVANS
0370.2311C	956846	US	12360699	27-Jan-09	8,737,597	27-May-14	Call progress analysis on the edge of a VoIP network	Cisco Technology, Inc.	022286/0425	SHAH et al.
0370.2312C	958185	US	12369436	11-Feb-09	8,400,943	19-Mar-13	IPv6 addressing over non-IPv6 systems	Cisco Technology, Inc.	022251/0366	DEC et al.
0370.2312CON	984699	US	13846214	18-Mar-13	8,897,171	25-Nov-14	IPv4 addressing over non-IPv4 systems	Cisco Technology, Inc.	022251/0366	DEC et al.

0370.2313C	958212	US	12196421	22-Aug-08	8,391,218	5-Mar-13	Multiple routable IP addresses for a cellular router	Cisco Technology, Inc.	021429/0181	JOSHI et al.
0370.2314C	958331	US	12099641	8-Apr-08	8,311,188	13-Nov-12	User interface with voice message summary	Cisco Technology, Inc.	020777/0493	ROHDE et al.
0370.2315C	958335	US	12099635	8-Apr-08	8,489,992	16-Jul-13	User interface with visual progression	Cisco Technology, Inc.	020778/0591	Ruben ROHDE
0370.2316C	958340	US	12/099,654	8-Apr-08	8,280,962	2-Oct-12	Service communication list	Cisco Technology, Inc.	020970/0507	MUNIZ et al.
0370.2317C	958342	US	12/099,552	8-Apr-08	8,091,033	3-Jan-12	System for displaying search results along a timeline	Cisco Technology, Inc.	020800/0001	SICHART et al.
0370.2318C	958494	US	12892522	28-Sep-10	8,868,250	21-Oct-14	Fan speed control	Cisco Technology, Inc.	025062/0108	JENSEN et al.
0370.2319C	958495	US	12269850	12-Nov-08	7,996,577	9-Aug-11	Automatically switching console connection	Cisco Technology, Inc.	021828/0143	SCHMIDT et al.
0370.2320C	958505	US	12/329,115	5-Dec-08	8,094,569	10-Jan-12	Failover and failback of communication between a router and a network switch	Cisco Technology, Inc.	022227/0037	GUNUKULA et al.
0370.2320CON	976970	US	13295870	14-Nov-11	8,605,575	10-Dec-13	Failover and failback of communication between a router and a network switch	Cisco Technology, Inc.	022227/0037	GUNUKULA et al.
0370.2321C	958521	US	12186339	5-Aug-08	7,764,692	27-Jul-10	Bypass of routing protocol filtering in a multi-subnet network	Cisco Technology, Inc.	021372/0052	BHATNAGAR et al.
0370.2322C	958544	US	12333790	12-Dec-08	8,070,522	6-Dec-11	Adaptor for a router blade	Cisco Technology, Inc.	021973/0027	SHTARGOT et al.
0370.2322CON	976783	US	13295903	14-Nov-11	8,475,214	2-Jul-13	Adaptor for a router blade	Cisco Technology, Inc.	030540/0348	SHTARGOT et al.
0370.2323C	958733	US	12464688	12-May-09	8,880,656	4-Nov-14	Customer edge device auto-configuration	Cisco Technology, Inc.	022814/0042	SALAM et al.

0370.2324C	958804	US	12/367,930	9-Feb-09	8,223,754	17-Jul-12	Auto-configured voice over internet protocol	Cisco Technology, Inc.	022246/0234	Jonathan David ROSENBERG
0370.2325C	958807	US	12/370,384	12-Feb-09	8,121,114	21-Feb-12	Prevention of voice over IP spam	Cisco Technology, Inc.	022421/0793	ROSENBERG et al.
0370.2325CON	977400	US	13348451	11-Jan-12	8,923,279	30-Dec-14	Prevention of voice over IP spam	Cisco Technology, Inc.	027522/0330	ROSENBERG et al.
0370.2326C	958833	US	12471138	22-May-09	8,340,123	25-Dec-12	Multi-channel transceiver module card	Cisco Technology, Inc.	022740/0776	BARBIERI et al.
0370.2327C	958925	US	12870480	27-Aug-10	8,532,994	10-Sep-13	Speech recognition using a personal vocabulary and language model	Cisco Technology, Inc.	024914/0239	MALEGAONKAR et al.
0370.2328C	959032	US	12464556	12-May-09	8,185,660	22-May-12	Inter-working between network address type (ANAT) endpoints and interactive connectivity establishment (ICE) endpoints	Cisco Technology, Inc.	022677/0380	PERUMAL et al.
0370.2328DIV	978212	US	13404944	24-Feb-12	8,312,169	13-Nov-12	Inter-working between network address type (ANAT) endpoints and interactive connectivity establishment (ICE) endpoints	Cisco Technology, Inc.	022677/0380	PERUMAL et al.
0370.2329C	959135	US	12340311	19-Dec-08	8,208,481	26-Jun-12	Determination of packet loss locations	Cisco Technology, Inc.	022038/0911	ELLIS et al.
0370.2330C	959393	US	12367981	9-Feb-09	8,311,292	13-Nov-12	Context aware, multiple target image recognition	Cisco Technology, Inc.	022246/0222	TIAN et al.
0370.2331C	959602	US	12437936	8-May-09	8,242,969	14-Aug-12	Connection for antennas operating above a ground plane	Cisco Technology, Inc.	022660/0028	LUTMAN et al.
0370.2331DIV	981145	US	13564178	1-Aug-12	8,519,893	27-Aug-13	Connection for antennas operating above a ground plane	Cisco Technology, Inc.	030778/0524	LUTMAN et al.

0370.2332C	960076	US	12608503	29-Oct-09	8,422,643	16-Apr-13	Playback of media recordings	Cisco Technology, Inc.	023520/0355	RATZLAFF et al.
0370.2333C	960113	US	12437962	8-May-09	8,108,020	31-Jan-12	Identification of an antenna	Cisco Technology, Inc.	022660/0067	ANDERSON et al.
0370.2410C	960115	US	12534448	3-Aug-09	8,769,032	1-Jul-14	Method and system for suggesting an optimal communication mode	Cisco Technology, Inc.	023049/0046	GINEVAN et al.
0370.2334C	960163	US	12608597	29-Oct-09	8,311,218	13-Nov-12	Rounding for security	Cisco Technology, Inc.	023468/0937	MEHMOOD et al.
0370.2335C	960171	US	12614671	9-Nov-09	8,301,880	30-Oct-12	Certificate enrollment with purchase to limit sybil attacks in peer-to-peer network	Cisco Technology, Inc.	023862/0851	JENNINGS et al.
0370.2336D	960313	US	29333555	11-Mar-09	D685,913	9-Jul-13	Patient Station	Cisco Technology, Inc.	022382/0989	AUGUSTINOS et al.
0370.2337C	960492	US	12353803	14-Jan-09	8,928,533	6-Jan-15	Mount for a network device	Cisco Technology, Inc.	022115/0731	Thomas P. SPIVEY
0370.2338C	960498	US	12353789	14-Jan-09	7,903,412	8-Mar-11	Mounting socket that dissipates heat from a network device	Cisco Technology, Inc.	022115/0743	Thomas P. SPIVEY
0370.2339C	960500	US	12353815	14-Jan-09	8,357,008	22-Jan-13	Security system for a network device	Cisco Technology, Inc.	022115/0749	Thomas P. SPIVEY
0370.2340C	960542	US	12648917	29-Dec-09	8,270,314	18-Sep-12	Synthetic frame loss ratio	Cisco Technology, Inc.	023872/0790	FINN et al.
0370.2341D	960551	US	29/330,832	14-Jan-09	D596,570	21-Jul-09	Network Socket	Cisco Technology, Inc.	022133/0546	Thomas P. SPIVEY
0370.2342C	960552	US	12353822	14-Jan-09	8,391,924	5-Mar-13	Add-on device for a network device	Cisco Technology, Inc.	022115/0752	Thomas P. SPIVEY
0370.2343D	960631	US	29330833	14-Jan-09	D610,101	16-Feb-10	Access Point Circuit Receptacle	Cisco Technology, Inc.	022133/0603	Thomas P. SPIVEY
0370.2344C	960735	US	12474524	29-May-09	8,305,286	6-Nov-12	Mounting an antenna system to a solid surface	Cisco Technology, Inc.	022752/0510	Timothy A. FRANK
0370.2344DIV	981858	US	13632650	1-Oct-12	8,446,335	21-May-13	Mounting an Antenna System to a Solid Surface	Cisco Technology, Inc.	029897/0742	Timothy A. FRANK

0370.2345C	960846	US	12544057	19-Aug-09	8,626,133	7-Jan-14	Matching a location of a contact with a task location	Cisco Technology, Inc.	023122/0982	KUHLKE et al.
0370.2346DIV	960934	US	12404868	16-Mar-09	8,428,244	23-Apr-13	Cross-call agent extension mobility with call admission control and emergency calling	Cisco Technology, Inc.	022469/0156	CHEN et al.
0370.2347C	961130	US	12826211	29-Jun-10	8,804,719	12-Aug-14	In-band multicast trace in IP and MPLS networks	Cisco Technology, Inc.	024638/0858	ALDRIN et al.
0370.2348C	961259	US	12581629	19-Oct-09	8,233,285	31-Jul-12	Linecard to chassis securing	Cisco Technology, Inc.	023394/0352	Christopher ZIEMAN
0370.2350C	961423	US	12580669	16-Oct-09	8,675,525	18-Mar-14	Media conference recording based on termination events	Cisco Technology, Inc.	023399/0241	LEE et al.
0370.2351C	961727	US	12826229	29-Jun-10	8,898,658	25-Nov-14	Dynamic web resource provisioning	Cisco Technology, Inc.	024638/0990	Michael Anthony CICCONE
0370.2353C	962080	US	12720463	9-Mar-10	8,713,053	29-Apr-14	Active tags	Cisco Technology, Inc.	024065/0266	JENNINGS et al.
0370.2354C	962162	US	10/421,280	23-Apr-03	7,590,724	15-Sep-09	Auto instrumentation system	Cisco Technology, Inc.	027195/0033	Robert D. Williams
0370.2355C	962169	US	12843680	26-Jul-10	8,736,044	27-May-14	Lid for an electrical hardware component	Cisco Technology, Inc.	024955/0446	AHMAD et al.
0370.2356C	962417	US	12715953	2-Mar-10	8,441,669	14-May-13	SG3-to-G3 fax spoof	Cisco Technology, Inc.	024024/0644	LUONG et al.
0370.2357C	962838	US	12/945,118	12-Nov-10	8,718,053	6-May-14	Packet transport for network device clusters	Cisco Technology, Inc.	025362/0715	RAGHURAMAN et al.
0370.2358C	962883	US	13178262	7-Jul-11	8,421,237	16-Apr-13	Stacked memory layers having multiple orientations and through-layer interconnects	Cisco Technology, Inc.	026563/0749	CHIA et al.
0370.2359C	963006	US	12836781	15-Jul-10	8,553,068	8-Oct-13	Switched multipoint conference using layered codecs	Cisco Technology, Inc.	024711/0769	TAYLOR et al.

0370.2360C	963019	US	12879795	10-Sep-10	8,405,203	26-Mar-13	Semiconductor package with integrated substrate thermal slug	Cisco Technology, Inc.	024981/0375	KEARNEY et al.
0370.2360DIV	985142	US	13850715	26-Mar-13	8,623,707	7-Jan-14	Method of fabricating a semiconductor package with integrated substrate thermal slug	Cisco Technology, Inc.	024981/0375	KEARNEY et al.
0370.2361C	969388	US	12965176	10-Dec-10	8,582,741	12-Nov-13	Unification of rosters in a communication system	Cisco Technology, Inc.	025472/0741	PEARCE et al.
0370.2362C	969395	US	12720335	9-Mar-10	8,539,083	17-Sep-13	Intelligent routing of coordinated audio, video, web services and measurement data streams	Cisco Technology, Inc.	024131/0507	AUGUSTINOS et al.
0370.2363C	969425	US	12958387	1-Dec-10	8,390,998	5-Mar-13	Configurable fan unit	Cisco Technology, Inc.	025690/0838	KLIEWER et al.
0370.2364C	969637	US	12828982	1-Jul-10	8,558,868	15-Oct-13	Conference participant visualization	Cisco Technology, Inc.	024638/0928	Steven Charles PRENTICE
0370.2365C	969662	US	12906783	18-Oct-10	8,526,185	3-Sep-13	Collar for electrically grounding a heat sink for a computer component	Cisco Technology, Inc.	025165/0097	HEIDEPRIEM et al.
0370.2366C	969668	US	13090939	20-Apr-11	8,789,133	22-Jul-14	Location based content filtering and dynamic policy	Cisco Technology, Inc.	026168/0262	KUHLKE et al.
0370.2367D	969717	US	29366132	20-Jul-10	D664,544	31-Jul-12	Router Interface Card	Cisco Technology, Inc.	024722/0909	YI et al.
0370.2368C	969728	US	13018903	1-Feb-11	8,761,377	24-Jun-14	Routing contact center interactions	Cisco Technology, Inc.	025746/0589	Tod FAMOUS
0370.2369D	969813	US	29365409	8-Jul-10	D654,066	14-Feb-12	ROUTER	Cisco Technology, Inc.	024685/0229	YI et al.

0370.2370C	969814	US	12787171	25-May-10	8,270,171	18-Sep-12	Cooling arrangement for a rack mounted processing device	Cisco Technology, Inc.	024478/0950	NARASIMHAN et al.
0370.2371C	970943	US	13280008	24-Oct-11	8,889,999	18-Nov-14	Multiple layer printed circuit board with unplated vias	Cisco Technology, Inc.	027145/0383	THURAIRAJARATNAM et al.
0370.2372C	971099	US	13070705	24-Mar-11	8,496,488	30-Jul-13	Power input terminal block housing and cover	Cisco Technology, Inc.	026033/0236	GRIMM et al.
0370.2372DIV	987038	US	13/952,127	26-Jul-13	8,632,359	21-Jan-14	Power input terminal block housing and cover	Cisco Technology, Inc.	030924/0352	GRIMM et al.
0370.2373C	971141	US	12961220	6-Dec-10	8,462,191	11-Jun-13	Automatic suppression of images of a video feed in a video call or videoconferencing system	Cisco Technology, Inc.	025457/0737	DEGRAZIA et al.
0370.2374C	971455	US	13171083	28-Jun-11	8,787,358	22-Jul-14	System for ad-hoc communication sessions	Cisco Technology, Inc.	026522/0057	Michael Edric TASKER
0370.2375C	971490	US	13032346	22-Feb-11	8,638,820	28-Jan-14	In-voicemail-session call transfers	Cisco Technology, Inc.	025849/0854	SHAFFER et al.
0370.2376C	972097	US	13247229	28-Sep-11	8,837,157	16-Sep-14	System for interconnecting electrical components	Cisco Technology, Inc.	026983/0746	Edward C. KUHAR
0370.2377C	972289	US	13191862	27-Jul-11	8,864,183	21-Oct-14	Mechanism to latch a cover closed	Cisco Technology, Inc.	026663/0626	MASON et al.
0370.2378C	972675	US	13282726	27-Oct-11	8,611,103	17-Dec-13	Latching injector/ejector	Cisco Technology, Inc.	027200/0458	THOMAS et al.
0370.2379C	974005	US	13252725	4-Oct-11	8,891,743	18-Nov-14	Gain control enhancement for modulated communications	Cisco Technology, Inc.	027080/0167 and 027080/0808	HANES et al.
0370.2380C	974704	US	13424914	20-Mar-12	8,907,749	9-Dec-14	Gigahertz common-mode filter for multi-layer planar structure	Cisco Technology, Inc.	027900/0718	Miroslav PAJOVIC

0370.2409C	977108	US	13436295	30-Mar-12	8,867,405	21-Oct-14	Voice service discovery	Cisco Technology, Inc.	027967/0158	YU et al.
0370.2381C	977372	US	13349229	12-Jan-12	8,782,565	15-Jul-14	System for selecting objects on display	Cisco Technology, Inc.	027564/0414	FRETWELL et al.
0370.2254CON	977263	US	13315948	9-Dec-11	8,804,496	12-Aug-14	Protecting multi-segment pseudowires	CISCO TECHNOLOGY, INC.	018416/0101	GUICHARD et al.

Electronic Acknowledgement Receipt

EFS ID:	22411208
Application Number:	12188982
International Application Number:	
Confirmation Number:	6073
Title of Invention:	ACCESS TO VIDEO STREAMS ON MOBILE COMMUNICATION DEVICES
First Named Inventor/Applicant Name:	Shmuel Shaffer
Customer Number:	99499
Filer:	D. Andrew Floam/Stephanie Jeppi
Filer Authorized By:	D. Andrew Floam
Attorney Docket Number:	0370.1933C(956158)
Receipt Date:	21-MAY-2015
Filing Date:	08-AUG-2008
Time Stamp:	11:33:54
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Power of Attorney	ExecutedCombinedIssuedPOA.pdf	500656 2c94fa083c1d22ce5291f33643c74dd004f7785d	no	60

Warnings:

Information:

Total Files Size (in bytes):	500656

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New Applications Under 35 U.S.C. 111
If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

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

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

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
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APPLICATION NO.	ISSUE DATE	PATENT NO.	ATTORNEY DOCKET NO.	CONFIRMATION NO.
12/188,982	03/31/2015	8994830	0370.1933C(956158)	6073

99499 7590 03/11/2015

Edell, Shapiro, & Finnan, LLC
9801 Washingtonian Blvd.
Suite 750
Gaithersburg, MD 20878

ISSUE NOTIFICATION

The projected patent number and issue date are specified above.

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

The Patent Term Adjustment is 1382 day(s). Any patent to issue from the above-identified application will include an indication of the adjustment on the front page.

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

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Application Assistance Unit (AAU) of the Office of Data Management (ODM) at (571)-272-4200.

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

Shmuel Shaffer, Palo Alto, CA;
Zeeshan Rahman Khan, Fremont, CA;

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PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail **Mail Stop ISSUE FEE**
Commissioner for Patents
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Alexandria, Virginia 22313-1450
or Fax (571)-273-2885

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

99499 7590 12/03/2014
Edell, Shapiro, & Finnan, LLC
9801 Washingtonian Blvd.
Suite 750
Gaithersburg, MD 20878

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 facsimile transmitted to the USPTO (571) 273-2885, on the date indicated below.

(Depositor's name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
12/188,982	08/08/2008	Shmuel Shaffer	0370.1933C(956158)	6073

TITLE OF INVENTION: ACCESS TO VIDEO STREAMS ON MOBILE COMMUNICATION DEVICES

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	UNDISCOUNTED	$960	$0	$0	$960	03/03/2015

EXAMINER	ART UNIT	CLASS-SUBCLASS
HSU, AMY R	2664	348-192000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).
- ❑ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
- ❑ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. **Use of a Customer Number is required.**

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

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

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

(A) NAME OF ASSIGNEE: Cisco Technology, Inc.
(B) RESIDENCE: (CITY and STATE OR COUNTRY): San Jose, CA

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

4a. The following fee(s) are submitted:
- ☒ Issue Fee
- ❑ Publication Fee (No small entity discount permitted)
- ❑ Advance Order - # of Copies _____

4b. Payment of Fee(s): (**Please first reapply any previously paid issue fee shown above**)
- ❑ A check is enclosed.
- ☒ Payment by credit card. Form PTO-2038 is attached.
- ☒ The director is hereby authorized to charge the required fee(s), any deficiency, or credits any overpayment, to Deposit Account Number 050460 (enclose an extra copy of this form).

5. **Change in Entity Status** (from status indicated above)
- ❑ Applicant certifying micro entity status. See 37 CFR 1.29
  NOTE: Absent a valid certification of Micro Entity Status (see forms PTO/SB/15A and 15B), issue fee payment in the micro entity amount will not be accepted at the risk of application abandonment.
- ❑ Applicant asserting small entity status. See 37 CFR 1.27
  NOTE: If the application was previously under micro entity status, checking this box will be taken to be a notification of loss of entitlement to micro entity status.
- ❑ Applicant changing to regular undiscounted fee status.
  NOTE: Checking this box will be taken to be a notification of loss of entitlement to small or micro entity status, as applicable.

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

Authorized Signature /Janet C. Effler/ Date February 24, 2015
Typed or printed name Janet C. Effler Registration No. 66387

PTOL-85 Part B (10-13) Approved for use through 10/31/2013. OMB 0651-0033 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Electronic Patent Application Fee Transmittal

Application Number:	12188982
Filing Date:	08-Aug-2008
Title of Invention:	ACCESS TO VIDEO STREAMS ON MOBILE COMMUNICATION DEVICES
First Named Inventor/Applicant Name:	Shmuel Shaffer
Filer:	Janet Carol Effler/Aja Turesko
Attorney Docket Number:	0370.1933C(956158)

Filed as Large Entity

Filing Fees for Utility under 35 USC 111(a)

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Utility Appl Issue Fee	1501	1	960	960

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Extension-of-Time:				
Miscellaneous:				
		Total in USD ($)		**960**

Electronic Acknowledgement Receipt	
EFS ID:	21581703
Application Number:	12188982
International Application Number:	
Confirmation Number:	6073
Title of Invention:	ACCESS TO VIDEO STREAMS ON MOBILE COMMUNICATION DEVICES
First Named Inventor/Applicant Name:	Shmuel Shaffer
Customer Number:	99499
Filer:	Janet Carol Effler/Aja Turesko
Filer Authorized By:	Janet Carol Effler
Attorney Docket Number:	0370.1933C(956158)
Receipt Date:	24-FEB-2015
Filing Date:	08-AUG-2008
Time Stamp:	13:19:22
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Credit Card
Payment was successfully received in RAM	$960
RAM confirmation Number	14186
Deposit Account	
Authorized User	
The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:	

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Issue Fee Payment (PTO-85B)	PTO-85B.pdf	113538 7696efe6fc063b761c312d0913bcbb883044 49b3	no	1
Warnings:					
Information:					
2	Fee Worksheet (SB06)	fee-info.pdf	30718 a2a4298761cd0acacddfa5d4d81802bd174 c3cd1	no	2
Warnings:					
Information:					
		Total Files Size (in bytes):	144256		

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

New Applications Under 35 U.S.C. 111
If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

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

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

UNITED STATES PATENT AND TRADEMARK OFFICE

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NOTICE OF ALLOWANCE AND FEE(S) DUE

99499 7590 12/03/2014

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Suite 750
Gaithersburg, MD 20878

EXAMINER
HSU, AMY R

ART UNIT	PAPER NUMBER
2664	

DATE MAILED: 12/03/2014

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
12/188,982	08/08/2008	Shmuel Shaffer	0370.1933C(956158)	6073

TITLE OF INVENTION: ACCESS TO VIDEO STREAMS ON MOBILE COMMUNICATION DEVICES

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	UNDISCOUNTED	$960	$0	$0	$960	03/03/2015

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

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. 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: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

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(Depositor's name)
(Signature)
(Date)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
12/188,982	08/08/2008	Shmuel Shaffer	0370.1933C(956158)	6073

TITLE OF INVENTION: ACCESS TO VIDEO STREAMS ON MOBILE COMMUNICATION DEVICES

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	UNDISCOUNTED	$960	$0	$0	$960	03/03/2015

EXAMINER	ART UNIT	CLASS-SUBCLASS
HSU, AMY R	2664	348-192000

1. Change of correspondence address or indication of "Fee Address" (37 CFR 1.363).
- ❑ Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached.
- ❑ "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. **Use of a Customer Number is required.**

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

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

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

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

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

4a. The following fee(s) are submitted:
- ❑ Issue Fee
- ❑ Publication Fee (No small entity discount permitted)
- ❑ Advance Order - # of Copies _____

4b. Payment of Fee(s): **(Please first reapply any previously paid issue fee shown above)**
- ❑ A check is enclosed.
- ❑ Payment by credit card. Form PTO-2038 is attached.
- ❑ The director is hereby authorized to charge the required fee(s), any deficiency, or credits any overpayment, to Deposit Account Number _____ (enclose an extra copy of this form).

5. **Change in Entity Status** (from status indicated above)
- ❑ Applicant certifying micro entity status. See 37 CFR 1.29 — NOTE: Absent a valid certification of Micro Entity Status (see forms PTO/SB/15A and 15B), issue fee payment in the micro entity amount will not be accepted at the risk of application abandonment.
- ❑ Applicant asserting small entity status. See 37 CFR 1.27 — NOTE: If the application was previously under micro entity status, checking this box will be taken to be a notification of loss of entitlement to micro entity status.
- ❑ Applicant changing to regular undiscounted fee status. — NOTE: Checking this box will be taken to be a notification of loss of entitlement to small or micro entity status, as applicable.

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

Authorized Signature _____ Date _____

Typed or printed name _____ Registration No. _____

PTOL-85 Part B (10-13) Approved for use through 10/31/2013. OMB 0651-0033 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Motorola Solutions, Inc., Ex1003, p. 79

UNITED STATES PATENT AND TRADEMARK OFFICE

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
12/188,982	08/08/2008	Shmuel Shaffer	0370.1933C(956158)	6073

99499 7590 12/03/2014

Edell, Shapiro, & Finnan, LLC
9801 Washingtonian Blvd.
Suite 750
Gaithersburg, MD 20878

EXAMINER	
HSU, AMY R	

ART UNIT	PAPER NUMBER
2664	

DATE MAILED: 12/03/2014

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

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

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

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

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

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

The information collected by PTOL-85 Part B is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 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, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450. Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Privacy Act Statement

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

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

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

Notice of Allowability	Application No. 12/188,982	Applicant(s) SHAFFER ET AL.	
	Examiner AMY HSU	Art Unit 2664	AIA (First Inventor to File) 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 *amended claims dated 11/11/2014*.
   ☐ A declaration(s)/affidavit(s) under **37 CFR 1.130(b)** was/were filed on_____.
2. ☐ An election was made by the applicant in response to a restriction requirement set forth during the interview on _____; the restriction requirement and election have been incorporated into this action.
3. ☒ The allowed claim(s) is/are *1-6,8-18 and 20-32*. As a result of the allowed claim(s), you may be eligible to benefit from the **Patent Prosecution Highway** program at a participating intellectual property office for the corresponding application. For more information, please see http://www.uspto.gov/patents/init_events/pph/index.jsp or send an inquiry to PPHfeedback@uspto.gov .
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

   Certified copies:

   a) ☐ All b) ☐ Some *c) ☐ None of the:
   1. ☐ Certified copies of the priority documents have been received.
   2. ☐ Certified copies of the priority documents have been received in Application No. _____ .
   3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

   * Certified copies not received: _____.

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

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

   Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

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

/AUNG S. MOE/
Primary Examiner, Art Unit 2664

DETAILED ACTION

Allowable Subject Matter

1. Claims 1-6, 8-18, 20-32 are allowed.

2. The following is an examiner's statement of reasons for allowance: See Applicant's Remarks dated 11/11/2014.

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

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to AMY HSU whose telephone number is (571)270-3012. The examiner can normally be reached on M-F 8am-6pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lin Ye can be reached on 571-272-7372. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Amy Hsu
Examiner
Art Unit 2664

/AMY HSU/
Examiner, Art Unit 2664

/AUNG S. MOE/
Primary Examiner, Art Unit 2664

Notice of References Cited	Application/Control No. 12/188,982	Applicant(s)/Patent Under Reexamination SHAFFER ET AL.	
	Examiner AMY HSU	Art Unit 2664	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A	US-2002/0137462 A1	09-2002	Rankin, Paul J.	455/41
*	B	US-2005/0232352 A1	10-2005	Siemens et al.	375/240.12
*	C	US-2006/0293073 A1	12-2006	Rengaraju et al.	455/518
*	D	US-2007/0015518 A1	01-2007	Winter et al.	455/456.1
*	E	US-2007/0270172 A1	11-2007	Kalley et al.	455/518
*	F	US-2008/0036851 A1	02-2008	PATEL, Mehul B.	348/21
*	G	US-2008/0108339 A1	05-2008	Shaffer et al.	455/416
*	H	US-7,499,719 B2	03-2009	Rengaraju et al.	455/518
*	I	US-2009/0082038 A1	03-2009	McKiou et al.	455/456.6
*	J	US-7,783,316 B1	08-2010	Mitchell, James P.	455/521
*	K	US-7,864,716 B1	01-2011	Manroa et al.	370/260
	L	US-			
	M	US-			

FOREIGN PATENT DOCUMENTS

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

NON-PATENT DOCUMENTS

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

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

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BIB DATA SHEET

CONFIRMATION NO. 6073

SERIAL NUMBER	FILING or 371(c) DATE	CLASS	GROUP ART UNIT	ATTORNEY DOCKET NO.
12/188,982	08/08/2008 RULE	348	2664	0370.1933C(956158)

APPLICANTS

INVENTORS

Shmuel Shaffer, Palo Alto, CA;
Zeeshan Rahman Khan, Fremont, CA;

** **CONTINUING DATA** **********

** **FOREIGN APPLICATIONS** **********

** **IF REQUIRED, FOREIGN FILING LICENSE GRANTED** **

08/20/2008

Foreign Priority claimed		STATE OR COUNTRY	SHEETS DRAWINGS	TOTAL CLAIMS	INDEPENDENT CLAIMS
❑ Yes ☑ No	❑ Met after Allowance	CA	12	24	3
35 USC 119(a-d) conditions met ❑ Yes ☑ No					
Verified and Acknowledged /AMY R HSU/ Examiner's Signature	Initials				

ADDRESS

Edell, Shapiro, & Finnan, LLC
9801 Washingtonian Blvd.
Suite 750
Gaithersburg, MD 20878
UNITED STATES

TITLE

ACCESS TO VIDEO STREAMS ON MOBILE COMMUNICATION DEVICES

FILING FEE RECEIVED		
1654	FEES: Authority has been given in Paper No._____ to charge/credit DEPOSIT ACCOUNT No._____ for following:	❑ All Fees ❑ 1.16 Fees (Filing) ❑ 1.17 Fees (Processing Ext. of time) ❑ 1.18 Fees (Issue) ❑ Other _____ ❑ Credit

Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
	12188982	SHAFFER ET AL.
	Examiner	Art Unit
	AMY HSU	2622

CPC- SEARCHED		
Symbol	Date	Examiner
G08B13/19608, G08B13/19645, G08B13/19656, H04M11/04, H04M2242/14, H04M3/56, H04N7/157, H04N7/181	2/10/14	AH

CPC COMBINATION SETS - SEARCHED		
Symbol	Date	Examiner

US CLASSIFICATION SEARCHED			
Class	Subclass	Date	Examiner
348	192	1/11/12	ah
455	416,518,521	2/10/14	ah

SEARCH NOTES		
Search Notes	Date	Examiner
class 455 search and keyword search	1/11/12	ah
update search	8/22/12	ah
subclass search and keyword search, class 455 and class 703 search with keywords	2/10/14	ah
update search	9/3/2014	ah
update search, inventor name search, claim interference search	11/28/14	ah

INTERFERENCE SEARCH			
US Class/ CPC Symbol	US Subclass / CPC Group	Date	Examiner
	see calim interference search history attached	11/28/14	ah

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	"12188982"	US-PGPUB; USPAT	OR	OFF	2014/11/28 10:32
L2	3	"348".clas. and (database near10 user near10 video same (communication near3 channel))	US-PGPUB; USPAT	OR	OFF	2014/11/28 10:37
L3	408813	"348".clas. or "455".clas.	US-PGPUB; USPAT	OR	OFF	2014/11/28 10:37
L4	149	L3 and (radio near2 frequenc$4) near5 associat$4 near5 (location geographic$4 region zone)	US-PGPUB; USPAT	OR	OFF	2014/11/28 10:37
L5	203	L3 and (radio near2 frequenc$4) near5 (geographic$4 zone$1) and video	US-PGPUB; USPAT	OR	OFF	2014/11/28 10:37
L6	4	"455".clas. and (virtual near3 talk near3 group) near5 user near4 (select$4 choos$4 chos$4 join$4) and video	US-PGPUB; USPAT	OR	OFF	2014/11/28 10:37
L7	0	"455".clas. and talk near3 group near10 (user near request$4 near5 join)	US-PGPUB; USPAT	OR	OFF	2014/11/28 10:37
L8	1	"455".clas. and user near4 select$4 near4 (channel$1) same (identif$4 near5 video)	US-PGPUB; USPAT	OR	OFF	2014/11/28 10:37
L9	5	(US-20080036851-$ or US-20060293073-$ or US-20050232352-$).did. or (US-7499719-$ or US-7783316-$).did.	US-PGPUB; USPAT	OR	OFF	2014/11/28 10:38
L10	7	"455".clas. and talk near3 group near5 (user near request$4)	US-PGPUB; USPAT	OR	OFF	2014/11/28 10:38
L11	6934	((H04N21/41407 OR H04N21/4524 OR H04N21/6131 OR H04N21/64707).CPC.)	US-PGPUB; USPAT	OR	OFF	2014/11/28 10:38
L12	0	l11 and (virtual near3 talk near3 group) near5 user near4 (select$4 choos$4 chos$4 join$4) and video	US-PGPUB; USPAT	OR	OFF	2014/11/28 10:38
L13	7	L11 and (radio near2 frequenc$4) near5 associat$4 near5 (location geographic$4 region zone)	US-PGPUB; USPAT	OR	OFF	2014/11/28 10:38
L14	1	l11 and (database near10 user near10 video same (communication near3 channel))	US-PGPUB; USPAT	OR	OFF	2014/11/28 10:38
L15	692	(shmuel and shaffer).in. or (zeeshan and harman and khan).in.	US-PGPUB; USPAT	OR	OFF	2014/11/28 10:41
L16	0	l15 and (radio near3 frequencies same communication same geographic same	US-PGPUB;	OR	OFF	2014/11/28 10:42

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		zone).clm.	USPAT			
L17	4	l15 and (radio near3 frequencies geographic same zone).clm.	US-PGPUB; USPAT	OR	OFF	2014/11/28 10:42
L18	0	l15 and (radio near3 frequencies same geographic same zone).clm.	US-PGPUB; USPAT	OR	OFF	2014/11/28 10:42
S1	11	"188982".ap.	US-PGPUB; USPAT	OR	OFF	2012/01/11 14:49
S2	309225	"348".clas. or "455".clas.	US-PGPUB; USPAT	OR	OFF	2012/01/11 14:50
S3	1625	S2 and (select$4 same user same (communication near3 channel$1))	US-PGPUB; USPAT	OR	OFF	2012/01/11 14:50
S4	244	S2 and (select$4 near7 user near7 (communication near3 channel$1))	US-PGPUB; USPAT	OR	OFF	2012/01/11 14:51
S5	15	S2 and (select$4 near7 user near7 (communication near3 channel$1)) same video	US-PGPUB; USPAT	OR	OFF	2012/01/11 14:51
S6	15	S2 and (select$4 near7 user near7 (communication near3 channel$1)) same video and video	US-PGPUB; USPAT	OR	OFF	2012/01/11 14:52
S7	15	S2 and (select$4 near7 user near7 (communication near3 channel$1)) same video and (video same channel$1)	US-PGPUB; USPAT	OR	OFF	2012/01/11 14:52
S8	5	S2 and (select$4 near7 user near7 (communication near3 channel$1)) same video and (video same channel$1) and push$4	US-PGPUB; USPAT	OR	OFF	2012/01/11 14:55
S9	2	"20060293073" and (select$4 near3 channel$1)	US-PGPUB; USPAT	OR	OFF	2012/01/11 14:57
S10	3	S6 and talk	US-PGPUB; USPAT	OR	OFF	2012/01/11 14:58
S11	0	"20080036851" and ppt	US-PGPUB; USPAT	OR	OFF	2012/01/11 14:59
S12	0	"20080036851" and talk	US-PGPUB; USPAT	OR	OFF	2012/01/11 14:59
S13	2	"20080036851" and phone	US-PGPUB; USPAT	OR	OFF	2012/01/11 14:59
S14	1	"20100033580" and ppt	US-PGPUB; USPAT	OR	OFF	2012/01/11 15:00
S15	1	"20100033580" and push$4	US-PGPUB; USPAT	OR	OFF	2012/01/11 15:01
S16	107	((pushtotalk) ppt (push$4 adj2 talk)) same channel$1 same video	US-PGPUB; USPAT	OR	OFF	2012/01/11 15:02
S17	14	((pushtotalk) ppt (push$4 adj2 talk))	US-	OR	OFF	2012/01/11

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		same channel$1 same video and (user near3 select$4 near5 channel$1)	PGPUB; USPAT			15:03
S18	0	"20100033580" and subscription	US-PGPUB; USPAT	OR	OFF	2012/01/11 15:05
S19	1	"20100033580" and (user near2 policy)	US-PGPUB; USPAT	OR	OFF	2012/01/11 15:05
S20	1	"20100033580" and (policy)	US-PGPUB; USPAT	OR	OFF	2012/01/11 15:06
S21	2	"20060293073" and (user same channeL$2)	US-PGPUB; USPAT	OR	OFF	2012/01/11 15:13
S22	2	"20060293073" and (user near5 channeL$2)	US-PGPUB; USPAT	OR	OFF	2012/01/11 15:17
S23	1488	"20060293073" and ppt ptv	US-PGPUB; USPAT	OR	OFF	2012/01/11 15:19
S24	2	"20060293073" and (ppt ptv)	US-PGPUB; USPAT	OR	OFF	2012/01/11 15:19
S25	15	(ppt ptv) same (Emergency)	US-PGPUB; USPAT	OR	OFF	2012/01/11 15:21
S26	9	(ppt ptv) same (Emergency) and channel$1	US-PGPUB; USPAT	OR	OFF	2012/01/11 15:22
S27	7	(ppt ptv) same (Emergency) and channel$1 same select$4	US-PGPUB; USPAT	OR	OFF	2012/01/11 15:22
S28	5	(ppt ptv) same (Emergency) and channel$1 same select$4 same user$1	US-PGPUB; USPAT	OR	OFF	2012/01/11 15:22
S29	6	(ppt ptv) same (Emergency) and channel$1 same select$4 and user	US-PGPUB; USPAT	OR	OFF	2012/01/11 15:23
S30	1	"7783316".pn. and talk	US-PGPUB; USPAT	OR	OFF	2012/01/11 15:49
S31	0	"7783316".pn. and ptt	US-PGPUB; USPAT	OR	OFF	2012/01/11 15:49
S32	0	"20080036851" and policy	US-PGPUB; USPAT	OR	OFF	2012/01/11 16:44
S33	2	"20080036851" and user	US-PGPUB; USPAT	OR	OFF	2012/01/11 16:44
S34	2	"20080036851" and (service near3 provid$4)	US-PGPUB; USPAT	OR	OFF	2012/01/11 16:45
S35	1	"7783316".pn. and video	USPAT	OR	OFF	2012/01/11 16:48
S36	1	"7783316".pn. and database	USPAT	OR	OFF	2012/01/11 16:50

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S37	1	"7783316".pn. and (mobile near2 client) near5 transmit$4	USPAT	OR	OFF	2012/01/11 16:55
S38	1	"7783316".pn. and (mobile near2 client) near5 transmit$4 same receiv$4	USPAT	OR	OFF	2012/01/11 16:57
S39	1	"7783316".pn. and (mobile near2 client) near5 video	USPAT	OR	OFF	2012/01/11 16:58
S40	2042	"348".clas. and ((public near2 safety) or police or (emergency near2 response))	US-PGPUB; USPAT	OR	OFF	2012/01/11 17:06
S41	46	"348".clas. and ((public near2 safety) or police or (emergency near2 response)) same video same channel	US-PGPUB; USPAT	OR	OFF	2012/01/11 17:06
S42	23	"348".clas. and ((public near2 safety) or police or (emergency near2 response)) same video same channel and database	US-PGPUB; USPAT	OR	OFF	2012/01/11 17:06
S43	0	"20060215024" and mobile	US-PGPUB; USPAT	OR	OFF	2012/01/11 17:10
S44	1	"20060215024"	US-PGPUB; USPAT	OR	OFF	2012/01/11 17:10
S45	1	"20060215024" and wireless	US-PGPUB; USPAT	OR	OFF	2012/01/11 17:10
S46	1	"20050232352" and channel	US-PGPUB; USPAT	OR	OFF	2012/01/11 17:14
S47	1	"20050232352" and database	US-PGPUB; USPAT	OR	OFF	2012/01/11 17:14
S48	1	"20050232352" and surveillance	US-PGPUB; USPAT	OR	OFF	2012/01/11 17:16
S49	0	"20050232352" and ppt	US-PGPUB; USPAT	OR	OFF	2012/01/11 17:17
S50	0	"20050232352" and push$4	US-PGPUB; USPAT	OR	OFF	2012/01/11 17:17
S51	5	(US-20080036851-$ or US-20060293073-$ or US-20050232352-$).did. or (US-7499719-$ or US-7783316-$).did.	US-PGPUB; USPAT	OR	OFF	2012/01/11 17:54
S52	3	S51 and (radio near2 frequenc$4)	US-PGPUB; USPAT	OR	OFF	2012/01/11 17:55
S53	500	"348".clas. and (database same user same video same channel)	US-PGPUB; USPAT	OR	OFF	2012/01/11 18:55
S54	40	"348".clas. and (database near10 user near10 video same channel)	US-PGPUB; USPAT	OR	OFF	2012/01/11 18:57
S55	3	"348".clas. and (database near10 user near10 video same (communication near3 channel))	US-PGPUB; USPAT	OR	OFF	2012/01/11 18:58
S56	1	"20050232352" and (file near2 system)	US-PGPUB; USPAT	OR	OFF	2012/01/11 19:00

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S57	5	(US-20080036851-$ or US-20060293073-$ or US-20050232352-$).did. or (US-7499719-$ or US-7783316-$).did.	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:06
S58	0	S57 and (talk near2 group)	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:07
S59	4	S57 and (talk nsame group)	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:07
S60	2	S57 and (talk same group)	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:07
S61	309225	"348".clas. or "455".clas.	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:10
S62	187	S61 and (policy near2 database)	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:10
S63	80	S61 and (policy near2 database) same (user)	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:11
S64	1	"7864716".pn. and (policy same database same user)	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:16
S65	163131	"348".clas. or "455".clas. and (radio near2 frequenc$4) same (geographic$4)	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:17
S66	161012	"348".clas. or "455".clas. and (radio near2 frequenc$4) same associat$4 same (geographic$4)	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:18
S67	309225	"348".clas. or "455".clas.	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:18
S68	390	S67 and ((radio near2 frequenc$4) same associat$4 same (geographic$4))	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:18
S69	63	S67 and ((radio near2 frequenc$4) near5 associat$4 same (geographic$4))	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:18
S70	18	S67 and ((radio near2 frequenc$4) near5 associat$4 same (geographic$4)) same channel$4	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:18
S71	1	S67 and (video) same((radio near2 frequenc$4) near5 associat$4 same (geographic$4)) same channel$4	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:20
S72	5	(US-20080036851-$ or US-20060293073-$ or US-20050232352-$).did. or (US-7499719-$ or US-7783316-$).did.	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:20
S73	3	S72 and (radio near2 frequenc$4)	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:20
S74	0	S73 and (geographic$4)	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:20
S75	309225	"348".clas. or "455".clas.	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:21

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S76	0	S75 and (video near10 associat$4 near10 geographic) same (radio near2 frequenc$4)	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:21
S77	30	S75 and (video near10 associat$4 near10 geographic)	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:21
S78	0	S75 and (video near10 associat$4 near10 geographic) same rf	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:21
S79	62	S75 and (video near10 associat$4 near10 geographic$4)	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:22
S80	5	S75 and (video near10 associat$4 near10 geographic$4) same radio	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:22
S81	65	S75 and (radio near2 frequenc$4) near5 associat$4 near5 (location geographic$4)	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:23
S82	72	S75 and (radio near2 frequenc$4) near5 associat$4 near5 (location geographic$4 region)	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:23
S83	74	S75 and (radio near2 frequenc$4) near5 associat$4 near5 (location geographic$4 region zone)	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:23
S84	74	S75 and (radio near2 frequenc$4) near5 associat$4 near5 (location geographic$4 region zone$1)	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:23
S85	8	S75 and (radio near2 frequenc$4) near5 associat$4 near5 (location geographic$4 region zone$1) same video	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:23
S86	48	S75 and (radio near2 frequenc$4) near5 associat$4 near5 (location geographic$4 region zone$1) and video	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:24
S87	38	S75 and (rf) near5 associat$4 near5 (location geographic$4 region zone$1) and video	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:26
S88	131	S75 and (radio near2 frequenc$4) near5 (geographic$4 zone$1) and video	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:27
S89	6	S75 and (radio near2 frequenc$4) near5 (geographic$4 zone$1) same video	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:27
S90	3083	(radio near2 frequenc$4) near10 (geographic$4 zone$4)	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:30
S91	33	(radio near2 frequenc$4) near10 (geographic$4 zone$4) same video	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:30
S92	1	"7783316".pn. and radio	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:36
S93	0	"7783316".pn. and radio near3 frequenc$4	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:36
S94	1	"7783316".pn. and rf	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:36

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S95	23	(radio near2 frequenc$4) near5 associat$4 near5 (geographic$4)	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:37
S96	14	(radio near2 frequenc$4) near5 associat$4 near5 (geographic$4) and video	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:37
S97	1	"20050232352" and (audio near3 event)	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:49
S98	7	(US-20080036851-$ or US-20060293073-$ or US-20050232352-$ or US-20070015518-$).did. or (US-7499719-$ or US-7783316-$ or US-7864716-$).did.	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:59
S99	3	S98 and gps	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:59
S100	2	S98 and gps same video	US-PGPUB; USPAT	OR	OFF	2012/01/11 21:05
S101	5	"348".clas. and (receiv$4 near5 video near5 based near5 gps)	US-PGPUB; USPAT	OR	OFF	2012/01/11 21:07
S102	2	"20060154156"	US-PGPUB; USPAT	OR	OFF	2012/01/13 16:39
S103	1	"12188982"	US-PGPUB; USPAT	OR	OFF	2012/08/22 14:35
S104	1	"12188982" and relevant	US-PGPUB; USPAT	OR	OFF	2012/08/22 14:35
S105	2	"20080036851" and pertinent$4	US-PGPUB; USPAT	OR	OFF	2012/08/22 14:37
S106	2	"20080036851" and relevant$4	US-PGPUB; USPAT	OR	OFF	2012/08/22 14:38
S107	0	"20080036851" and interest$4	US-PGPUB; USPAT	OR	OFF	2012/08/22 14:38
S108	0	"20080036851" and preference$4	US-PGPUB; USPAT	OR	OFF	2012/08/22 14:38
S109	0	"455".clas. and (provid$4 near4 access$4 near4 relevant44)	USPAT	OR	OFF	2012/08/22 14:39
S110	25	"455".clas. and (provid$4 near4 access$4 near4 relevant$4)	USPAT	OR	OFF	2012/08/22 14:39
S111	0	"455".clas. and (provid$4 near4 access$4 near4 relevant$4) same video	USPAT	OR	OFF	2012/08/22 14:41
S112	25	"455".clas. and (provid$4 near4 access$4 near4 relevant$4)	USPAT	OR	OFF	2012/08/22 14:41
S113	0	"455".clas. and (provid$4 near4 access$4 near4 pertinent$4 near3 user)	USPAT	OR	OFF	2012/08/22 18:53
S114	0	"455".clas. and (provid$4 near4 access$4 near4 pertinent$4 near3 user)	US-PGPUB; USPAT	OR	OFF	2012/08/22 18:53

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S115	3	"455".clas. and (provid$4 near4 access$4 same pertinent$4 near3 user)	US-PGPUB; USPAT	OR	OFF	2012/08/22 18:53
S116	30	"455".clas. and (provid$4 near4 access$4 same interest near3 user)	US-PGPUB; USPAT	OR	OFF	2012/08/22 18:54
S117	1	"455".clas. and (provid$4 near4 access$4 same interest near3 user) same video$4	US-PGPUB; USPAT	OR	OFF	2012/08/22 18:54
S118	3	"455".clas. and (access$4 near4 video same interest near3 user)	US-PGPUB; USPAT	OR	OFF	2012/08/22 19:01
S119	798	"455".clas. and (mobile same communication same channel same video)	US-PGPUB; USPAT	OR	OFF	2012/08/22 19:02
S120	82	"455".clas. and (mobile same communication same channel same video) and ((relevant interest preference) near2 user)	US-PGPUB; USPAT	OR	OFF	2012/08/22 19:02
S121	7	"455".clas. and (mobile same communication same channel same video) and ((relevant interest preference) near2 user) same video same (provid$4 access$4)	US-PGPUB; USPAT	OR	OFF	2012/08/22 19:02
S122	7	"455".clas. and (mobile same communication same channel same video) and ((relevant interest preference) near2 user) same video same (provid$4 access$4)	US-PGPUB; USPAT	OR	OFF	2012/08/22 23:18
S123	1	"455".clas. and (access$4 near3 video) same (interest near3 user)	US-PGPUB; USPAT	OR	OFF	2012/08/22 23:28
S124	18	"455".clas. and (mobile same communication same channel same video) and ((relevant interest preference) near2 user) same video	US-PGPUB; USPAT	OR	OFF	2012/08/22 23:36
S125	7	"455".clas. and (mobile same communication same channel same video) and ((relevant interest preference) near2 user) same video same (provid$4 access$4)	US-PGPUB; USPAT	OR	OFF	2012/08/22 23:36
S126	11	S124 not S125	US-PGPUB; USPAT	OR	OFF	2012/08/22 23:36
S127	1	"20090082038"	US-PGPUB; USPAT	OR	OFF	2012/08/22 23:45
S128	1	"20090082038" and private near3 channel$4	US-PGPUB; USPAT	OR	OFF	2012/08/22 23:46
S129	1	"20090082038" and private near3 channel$4 same video	US-PGPUB; USPAT	OR	OFF	2012/08/22 23:46
S130	1	"12188982"	US-PGPUB; USPAT	OR	OFF	2012/08/23 08:51
S131	0	"12188982" and (audio near4 channel)	US-PGPUB;	OR	OFF	2012/08/23 08:57

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			USPAT			
S132	0	"20080036851" and (audio near3 channel)	US-PGPUB; USPAT	OR	OFF	2012/08/23 08:57
S133	2	"20080036851" and (audio)	US-PGPUB; USPAT	OR	OFF	2012/08/23 08:58
S134	2	"20080036851" and (audio same channel)	US-PGPUB; USPAT	OR	OFF	2012/08/23 08:58
S135	0	"455".clas. and (user near3 policy) same (video near3 feed) near5 (channel)	US-PGPUB; USPAT	OR	OFF	2014/02/07 15:35
S136	0	"455".clas. and (identif$4 near5 video near4 feed) same (select$4 near3 channel)	US-PGPUB; USPAT	OR	OFF	2014/02/07 15:43
S137	2	"12188892"	US-PGPUB; USPAT	OR	OFF	2014/02/07 15:43
S138	1	"12188982"	US-PGPUB; USPAT	OR	OFF	2014/02/07 15:43
S139	32479	"455".clas. and (communication near3 channel$1)	US-PGPUB; USPAT	OR	OFF	2014/02/07 15:44
S140	137	"455".clas. and user near4 select$4 near4 (communication near3 channel$1)	US-PGPUB; USPAT	OR	OFF	2014/02/07 15:45
S141	1	"12188982" and independent$4	US-PGPUB; USPAT	OR	OFF	2014/02/07 15:45
S142	0	"455".clas. and user near4 select$4 near4 (communication near3 channel$1) same (relevant near4 video near4 feed$1)	US-PGPUB; USPAT	OR	OFF	2014/02/07 15:46
S143	0	"455".clas. and user near4 select$4 near4 (communication near3 channel$1) same (relevant near4 video)	US-PGPUB; USPAT	OR	OFF	2014/02/07 15:46
S144	0	"455".clas. and user near4 select$4 near4 (communication near3 channel$1) same (relevant near4 feed)	US-PGPUB; USPAT	OR	OFF	2014/02/07 15:46
S145	0	"455".clas. and user near4 select$4 near4 (communication near3 channel$1) same (identif$4 near4 relevant)	US-PGPUB; USPAT	OR	OFF	2014/02/07 15:47
S146	0	"348".clas. and user near4 select$4 near4 (communication near3 channel$1) same (identif$4 near4 relevant)	US-PGPUB; USPAT	OR	OFF	2014/02/07 15:47
S147	1	"455".clas. and user near4 select$4 near4 (communication near3 channel$1) same (relevant)	US-PGPUB; USPAT	OR	OFF	2014/02/07 15:47
S148	0	"455".clas. and user near4 select$4 near4 (communication near3 channel$1) same (relevant near4 video)	US-PGPUB; USPAT	OR	OFF	2014/02/07 15:48
S149	0	"455".clas. and user near4 select$4 near4 (channel$1) same (relevant near4 video)	US-PGPUB; USPAT	OR	OFF	2014/02/07 15:49
S150	1	"455".clas. and user near4 select$4 near4 (channel$1) same (identif$4 near5 video)	US-PGPUB;	OR	OFF	2014/02/07 15:49

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			USPAT			
S151	0	"12188982" same video near4 feed same select$4 near4 communication	US-PGPUB; USPAT	OR	OFF	2014/02/07 15:50
S152	1	"12188982" and video near4 feed same select$4 near4 communication	US-PGPUB; USPAT	OR	OFF	2014/02/07 15:50
S153	1	"12188982" and database	US-PGPUB; USPAT	OR	OFF	2014/02/07 15:53
S154	1	"12188982" and database same video near3 feed	US-PGPUB; USPAT	OR	OFF	2014/02/07 15:53
S155	0	"12188982" and database same video near3 feed same audio near3 channels	US-PGPUB; USPAT	OR	OFF	2014/02/07 15:53
S156	0	"12188982" and database same video near3 feed same audio near3 channel$1	US-PGPUB; USPAT	OR	OFF	2014/02/07 15:54
S157	0	"12188982" and database same video near3 feed same audio	US-PGPUB; USPAT	OR	OFF	2014/02/07 15:54
S158	1	"12188982" and database same video near3 feed	US-PGPUB; USPAT	OR	OFF	2014/02/07 15:54
S159	0	"12188982" and database same audio	US-PGPUB; USPAT	OR	OFF	2014/02/07 15:54
S160	1	"12188982" and audio	US-PGPUB; USPAT	OR	OFF	2014/02/07 15:54
S161	1	"12188982" and audio same channel$1	US-PGPUB; USPAT	OR	OFF	2014/02/07 15:55
S162	0	"12188982" and audio same channel$1 same database	US-PGPUB; USPAT	OR	OFF	2014/02/07 15:56
S163	3	ipics near2 database	US-PGPUB; USPAT	OR	OFF	2014/02/07 15:56
S164	274	"455".clas. and (database same video same channel$1)	US-PGPUB; USPAT	OR	OFF	2014/02/07 15:57
S165	1	"20080108339"	US-PGPUB; USPAT	OR	OFF	2014/02/10 11:59
S166	1	"20080108339" and user	US-PGPUB; USPAT	OR	OFF	2014/02/10 12:00
S167	1	"20080108339" and user near5 select$4	US-PGPUB; USPAT	OR	OFF	2014/02/10 12:00
S168	1	"20080108339" and user same (talk near3 group)	US-PGPUB; USPAT	OR	OFF	2014/02/10 12:00
S169	1232	((G08B13/19608 OR G08B13/19645 OR G08B13/19656).CPC.)	US-PGPUB;	OR	OFF	2014/02/10 12:01

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			USPAT			
S170	5338	((H04M11/04 OR H04M2242/14 OR H04M3/56).CPC.)	US-PGPUB; USPAT	OR	OFF	2014/02/10 12:01
S171	3042	((H04N7/157 OR H04N7/181).CPC.)	US-PGPUB; USPAT	OR	OFF	2014/02/10 12:01
S172	5095	((H04W4/08 OR H04W4/22 OR H04W76/002 OR H04W76/007).CPC.)	US-PGPUB; USPAT	OR	OFF	2014/02/10 12:01
S173	9277	S169 or S170 or S171 or S172 and (user same (talk near3 group))	US-PGPUB; USPAT	OR	OFF	2014/02/10 12:02
S174	9141	S169 or S170 or S171 or S172 and (user same (talk near3 group)) and (relevant$4 near4 video near3 feed$1)	US-PGPUB; USPAT	OR	OFF	2014/02/10 12:02
S175	3	S173 and (relevant$4 near4 video near3 feed$1)	US-PGPUB; USPAT	OR	OFF	2014/02/10 12:02
S176	0	"20080108339" and user same (talk near3 group) same (video)	US-PGPUB; USPAT	OR	OFF	2014/02/10 12:04
S177	0	"20080108339" and user same (talk near3 group) same (camera)	US-PGPUB; USPAT	OR	OFF	2014/02/10 12:04
S178	0	"12188982" and (talk near3 group same select$4)	US-PGPUB; USPAT	OR	OFF	2014/02/10 12:14
S179	1	"12188982" and (talk near3 group)	US-PGPUB; USPAT	OR	OFF	2014/02/10 12:14
S180	1	"20080108339" and select$4	US-PGPUB; USPAT	OR	OFF	2014/02/10 12:21
S181	16	"455".clas. and (virtual near3 talk near3 group) near5 select$4	US-PGPUB; USPAT	OR	OFF	2014/02/10 13:22
S182	1	"12188982"	US-PGPUB; USPAT	OR	OFF	2014/02/10 13:25
S183	1	"455".clas. and (virtual near3 talk near3 group) near5 select$4 same video	US-PGPUB; USPAT	OR	OFF	2014/02/10 13:34
S184	0	"5471646".pn. and ise	US-PGPUB; USPAT	OR	OFF	2014/02/10 13:35
S185	1	"5471646".pn. and isw	US-PGPUB; USPAT	OR	OFF	2014/02/10 13:35
S186	49	"455".clas. and (virtual near3 talk near3 group)	US-PGPUB; USPAT	OR	OFF	2014/02/10 13:37
S187	4	"455".clas. and (virtual near3 talk near3 group) near5 user near4 (select$4 choos$4 chos$4 join$4)	US-PGPUB; USPAT	OR	OFF	2014/02/10 13:37
S188	4	"455".clas. and (virtual near3 talk near3 group) near5 user near4 (select$4 choos$4	US-PGPUB;	OR	OFF	2014/02/10 13:38

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		chos$4 join$4) and video	USPAT			
S189	1	"455".clas. and (virtual near3 talk near3 group) near5 user near4 (select$4 choos$4 chos$4 join$4) same video	US-PGPUB; USPAT	OR	OFF	2014/02/10 13:38
S190	4	"455".clas. and (virtual near3 talk near3 group) near5 user near4 (select$4 choos$4 chos$4 join$4) and video	US-PGPUB; USPAT	OR	OFF	2014/02/10 13:39
S191	1	"20080108339" and user	US-PGPUB; USPAT	OR	OFF	2014/02/10 13:47
S192	0	"20080108339" and request$4	US-PGPUB; USPAT	OR	OFF	2014/02/10 13:48
S193	912	455/416.ccls.	US-PGPUB; USPAT	OR	OFF	2014/02/10 13:49
S194	57	455/416.ccls. and talk near3 group	US-PGPUB; USPAT	OR	OFF	2014/02/10 13:49
S195	16	455/416.ccls. and talk near3 group same select$4	US-PGPUB; USPAT	OR	OFF	2014/02/10 13:49
S196	2	455/416.ccls. and talk near3 group near5 (user near3 select$4)	US-PGPUB; USPAT	OR	OFF	2014/02/10 14:03
S197	47	"455".clas. and talk near3 group near5 (user near3 select$4)	US-PGPUB; USPAT	OR	OFF	2014/02/10 14:04
S198	2	"455".clas. and talk near3 group near5 (user near3 select$4) same monitor$4	US-PGPUB; USPAT	OR	OFF	2014/02/10 14:04
S199	5	"455".clas. and talk near3 group near4 (select$4) same monitor$4	US-PGPUB; USPAT	OR	OFF	2014/02/10 14:05
S200	7	"455".clas. and talk near3 group near5 (user near request$4)	US-PGPUB; USPAT	OR	OFF	2014/02/10 14:09
S201	0	"455".clas. and talk near3 group near5 (user near request$4 near5 join)	US-PGPUB; USPAT	OR	OFF	2014/02/10 14:10
S202	0	"455".clas. and talk near3 group near10 (user near request$4 near5 join)	US-PGPUB; USPAT	OR	OFF	2014/02/10 14:10
S203	8	"455".clas. and talk near3 group near10 (request$4 near5 join)	US-PGPUB; USPAT	OR	OFF	2014/02/10 14:11
S204	439	(shmuel and shaffer).in. and cisco.as.	US-PGPUB; USPAT	OR	OFF	2014/02/10 15:13
S205	211	(shmuel and shaffer).in. and cisco.as.	US-PGPUB	OR	OFF	2014/02/10 15:13
S206	1	"20080108339" and policy	US-PGPUB; USPAT	OR	OFF	2014/02/10 21:13
S207	0	"20080108339" and police	US-PGPUB; USPAT	OR	OFF	2014/02/10 21:33

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S208	1	"20080108339"	US-PGPUB; USPAT	OR	OFF	2014/02/10 21:33
S209	1	"20080108339" and gun	US-PGPUB; USPAT	OR	OFF	2014/02/10 21:33
S210	0	"20080108339" and analyz$4 same audio same event	US-PGPUB; USPAT	OR	OFF	2014/02/10 21:45
S211	0	"20080108339" and analyz$4 same event	US-PGPUB; USPAT	OR	OFF	2014/02/10 21:45
S212	1	"20080108339" and event	US-PGPUB; USPAT	OR	OFF	2014/02/10 21:45
S213	0	"20080108339" and event same audio	US-PGPUB; USPAT	OR	OFF	2014/02/10 21:45
S214	1	"13071009"	US-PGPUB; USPAT	OR	OFF	2014/02/12 14:16
S215	1	"13071009" and histogram.clm.	US-PGPUB; USPAT	OR	OFF	2014/02/12 14:16
S216	0	"13071009" and histogram same crop$4.clm.	US-PGPUB; USPAT	OR	OFF	2014/02/12 14:16
S217	1	"13071009" and histogram same clothing.clm.	US-PGPUB; USPAT	OR	OFF	2014/02/12 14:21
S218	2	"20100266159"	US-PGPUB; USPAT	OR	OFF	2014/02/12 14:23
S219	2	"20070270172" and communication near3 channel$4	US-PGPUB; USPAT	OR	OFF	2014/09/03 13:47
S220	0	"20070270172" and communication near3 channel$4 same (virtual near3 group)	US-PGPUB; USPAT	OR	OFF	2014/09/03 13:48
S221	0	"20070270172" and communication near3 channel$4 same (talk near3 group$4)	US-PGPUB; USPAT	OR	OFF	2014/09/03 13:48
S222	0	"12188892" and (virtual near3 talk) same (communication near3 channel$4)	US-PGPUB; USPAT	OR	OFF	2014/09/03 13:48
S223	0	"12188892" and (virtual near3 talk)	US-PGPUB; USPAT	OR	OFF	2014/09/03 13:48
S224	0	"20080108339" and (communication near3 channel$4)	US-PGPUB; USPAT	OR	OFF	2014/09/03 13:48
S225	1	"12188982" and (communication near3 channel$4)	US-PGPUB; USPAT	OR	OFF	2014/09/03 13:49
S226	1	"12188982" and (communication near3 channel$4) same group	US-PGPUB; USPAT	OR	OFF	2014/09/03 13:49

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S227	1	"12188982" and (communication near3 channel$4) same talk same group	US-PGPUB; USPAT	OR	OFF	2014/09/03 13:49
S228	0	"20070270172" and monitor$4 same select$4	US-PGPUB; USPAT	OR	OFF	2014/09/03 13:55
S229	2	"20070270172" and monitor$4	US-PGPUB; USPAT	OR	OFF	2014/09/03 13:55
S230	0	"20080108339" and database	US-PGPUB; USPAT	OR	OFF	2014/09/03 13:58
S231	0	"12188892" and database	US-PGPUB; USPAT	OR	OFF	2014/09/03 13:58
S232	0	"12188892" and database.clm.	US-PGPUB; USPAT	OR	OFF	2014/09/03 13:58
S233	1	"20070015518"	US-PGPUB; USPAT	OR	OFF	2014/09/03 14:01
S234	1	"20070015518" and radio near3 frequency	US-PGPUB; USPAT	OR	OFF	2014/09/03 14:02
S235	1	"20070015518" and radio near3 frequenc$4 same geographic	US-PGPUB; USPAT	OR	OFF	2014/09/03 14:02
S236	1	"20070015518" and radio near3 frequenc$4	US-PGPUB; USPAT	OR	OFF	2014/09/03 14:05
S237	1	"20080108339" and (receiv$4 near5 video)	US-PGPUB; USPAT	OR	OFF	2014/09/03 15:08
S238	1	"20080108339" and (talk near3 group same video)	US-PGPUB; USPAT	OR	OFF	2014/09/03 15:09
S239	1	"20080108339" and (talk near3 group same receiv$4)	US-PGPUB; USPAT	OR	OFF	2014/09/03 15:10
S240	1	"20080108339" and (talk near3 group same receiv$4 same video)	US-PGPUB; USPAT	OR	OFF	2014/09/03 15:11
S241	0	"20080108339" and (talk near3 group same camera)	US-PGPUB; USPAT	OR	OFF	2014/09/03 15:12
S242	0	"20080108339" and (talk near3 group same access$4)	US-PGPUB; USPAT	OR	OFF	2014/09/03 15:12
S243	0	"20080108339" and (talk near3 group same signal$4)	US-PGPUB; USPAT	OR	OFF	2014/09/03 15:12
S244	1	"20080108339" and (talk near3 group same information)	US-PGPUB; USPAT	OR	OFF	2014/09/03 15:13
S245	1	"20080108339" and (talk near3 group same video)	US-PGPUB; USPAT	OR	OFF	2014/09/03 15:14

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S246	0	"20070270172" and virtual near4 talk near4 group same receiv$4 near3 video	US-PGPUB; USPAT	OR	OFF	2014/09/03 15:17
S247	2	"20070270172" and virtual near4 talk near4 group same video	US-PGPUB; USPAT	OR	OFF	2014/09/03 15:17
S248	0	"20080108339" and communicat$4 same grou	US-PGPUB; USPAT	OR	OFF	2014/09/03 15:20
S249	1	"20080108339" and communicat$4 same group	US-PGPUB; USPAT	OR	OFF	2014/09/03 15:20
S250	1	"20080108339" and communicat$4 same group same video	US-PGPUB; USPAT	OR	OFF	2014/09/03 15:20
S251	2	"20070270172" and select$4 same group$4	US-PGPUB; USPAT	OR	OFF	2014/09/03 15:25
S252	2	"20070270172" and policy	US-PGPUB; USPAT	OR	OFF	2014/09/03 15:30
S253	0	"20070270172" and policy same video	US-PGPUB; USPAT	OR	OFF	2014/09/03 15:30
S254	0	"20070270172" and database	US-PGPUB; USPAT	OR	OFF	2014/09/03 16:15
S255	2	"20070270172" and network	US-PGPUB; USPAT	OR	OFF	2014/09/03 16:16
S256	6420	((H04N21/41407 OR H04N21/4524 OR H04N21/6131 OR H04N21/64707).CPC.)	US-PGPUB; USPAT	OR	OFF	2014/09/03 17:09
S257	0	"13567547"	USPAT	OR	OFF	2014/09/04 13:50
S258	1	"13567547"	US-PGPUB; USPAT	OR	OFF	2014/09/04 13:50

11/28/2014 10:42:59 AM
C:\Users\ahsu1\Documents\EAST\Workspaces\12_188982.wsp

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Issue Classification	Application/Control No.	Applicant(s)/Patent Under Reexamination
	12188982	SHAFFER ET AL.
	Examiner	**Art Unit**
	AMY HSU	2664

CPC						
Symbol					**Type**	**Version**
H04N		21	/	6131	F	2013-01-01
H04N		21	/	2381	I	2013-01-01
H04N		21	/	41407	I	2013-01-01
H04N		21	/	4524	I	2013-01-01
H04N		21	/	64707	I	2013-01-01
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CPC Combination Sets							
Symbol				**Type**	**Set**	**Ranking**	**Version**
			/				
			/				

/AMY HSU/ Examiner.Art Unit 2664	11/28/14	**Total Claims Allowed:**	
(Assistant Examiner)	(Date)	30	
/AUNG S MOE/ Primary Examiner.Art Unit 2664	11/28/2014	O.G. Print Claim(s)	O.G. Print Figure
(Primary Examiner)	(Date)	1	1

Issue Classification	Application/Control No.	Applicant(s)/Patent Under Reexamination
	12188982	SHAFFER ET AL.
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US ORIGINAL CLASSIFICATION		INTERNATIONAL CLASSIFICATION	
CLASS	SUBCLASS	CLAIMED	NON-CLAIMED
348	192	H 0 4 N 17 / 02 (2006.0)	

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

/AMY HSU/ Examiner.Art Unit 2664	11/28/14	**Total Claims Allowed:**	
(Assistant Examiner)	(Date)	30	
/AUNG S MOE/ Primary Examiner.Art Unit 2664	11/28/2014	O.G. Print Claim(s)	O.G. Print Figure
(Primary Examiner)	(Date)	1	1

Issue Classification	Application/Control No.	Applicant(s)/Patent Under Reexamination
	12188982	SHAFFER ET AL.
	Examiner	**Art Unit**
	AMY HSU	2664

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

Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original
1	1	19	17												
2	2	20	18												
3	3		19												
4	4	21	20												
5	5	22	21												
6	6	23	22												
	7	24	23												
7	8	25	24												
8	9	12	25												
9	10	13	26												
10	11	14	27												
11	12	26	28												
15	13	27	29												
16	14	28	30												
17	15	29	31												
18	16	30	32												

/AMY HSU/ Examiner.Art Unit 2664 (Assistant Examiner)	11/28/14 (Date)	**Total Claims Allowed:** 30	
/AUNG S MOE/ Primary Examiner.Art Unit 2664 (Primary Examiner)	11/28/2014 (Date)	O.G. Print Claim(s) 1	O.G. Print Figure 1

OK TO ENTER: /A.H./

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.	:	12/188,982
First Named Inventor	:	Shmuel Shaffer
Confirmation No.	:	6073
Filed	:	August 8, 2008
TC/A.U.	:	2664
Examiner	:	Amy Hsu
Customer No.	:	99499
Docket No.	:	0370.1933C (956158)
Title	:	Access to Video Streams on Mobile Communication Devices

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

AMENDMENT IN RESPONSE TO FINAL OFFICE ACTION

Sir:

In response to the Final Office Action mailed September 11, 2014, please amend the above-identified application as follows:

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

Remarks begin on page 10 of this paper.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.	:	12/188,982
First Named Inventor	:	Shmuel Shaffer
Confirmation No.	:	6073
Filed	:	August 8, 2008
TC/A.U.	:	2664
Examiner	:	Amy Hsu
Customer No.	:	99499
Docket No.	:	0370.1933C (956158)
Title	:	Access to Video Streams on Mobile Communication Devices

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

AMENDMENT IN RESPONSE TO FINAL OFFICE ACTION

Sir:

In response to the Final Office Action mailed September 11, 2014, please amend the above-identified application as follows:

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

Remarks begin on page 10 of this paper.

Amendments to the Claims:

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

Listing of Claims:

1. (Currently Amended) A method comprising:

monitoring a selection of a communication channel by a user of a mobile communication device;

providing a plurality of radio frequencies on a display of the mobile communication device, each radio frequency being associated with a geographical zone from which a plurality of video feeds associated with the geographic zone are sourced;

monitoring a selection of a radio frequency of the plurality of radio frequencies by the user;

identifying at least one video feed by selecting the at least one video feed from the plurality of video feeds associated with the geographic zone, wherein the at least one video feed is associated with the selected communication channel based on a user policy that identifies one or more video feeds that are relevant to the user when the user accesses the selected communication channel, the one or more video feeds being independent of the selected communication channel; and

providing access to the identified at least one video feed to the mobile communication device based on the user policy.

2. (Previously Presented) The method of claim 1, wherein providing access comprises associating the identified at least one video feed with the mobile communication device in a database that is used to manage access to independent video feeds in a network based on audio communication channels that are selected by communication devices in the network.

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3. (Currently Amended) The method of claim 1, further comprising:

accessing a database to identify a plurality of members of an emergency response team that includes the user of the mobile communication device; and

presenting a plurality of available video feeds on [[a]] the display of the mobile communication device, the plurality of available video feeds including video streams associated with the plurality of members of the emergency response team.

4. (Original) The method of claim 3, wherein the available video feeds are sourced from a group of surveillance cameras.

5. (Original) The method of claim 1, wherein the communication channel is a Push-To-Talk (PTT) channel in a PTT communication network and the mobile communication device is a PTT radio.

6. (Previously Presented) The method of claim 1, further comprising:

accessing a database to identify a group of video feeds associated with the user; and

when the user selects the communication channel, providing access to the group of video feeds associated with the user to one or more other users of the communication channel.

7. (Canceled)

8. (Previously Presented) The method of claim 1, further comprising:

monitoring an audio signal generated in proximity to a video camera providing a first video feed included in the identified at least one video feed;

processing the audio signal to identify an audio event; and

based on the identified audio event, providing access to the first video feed to a plurality of mobile communication devices in a group of mobile communication devices, the

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group of mobile communication devices including the mobile communication device of the user corresponding to the selection of the communication channel.

9. (Original) The method of claim 1, wherein the communication channel is associated with a Virtual Talk Group (VTG).

10. (Original) The method of claim 1, wherein providing access to the video feeds depends on a video association policy.

11. (Previously Presented) The method of claim 10, wherein the video association policy includes a role of the user defined in a policy database.

12. (Previously Presented) The method of claim 1, further comprising:

identifying a geographical location of the user's mobile communication device using a Global Positioning System;

identifying that the at least one video feed is associated with the geographical location;

associating the at least one video feed with other mobile communication devices set to the same channel as the user's mobile communication device; and

automatically rendering access to the at least one video feed to the other mobile communication devices.

13. (Currently Amended) An apparatus, comprising:

at least one processor; and

a memory in communication with the at least one processor, the memory being configured to store a video stream association module executable by the at least one processor, and the video stream association module being executed by the at least one processor to cause operations to be performed, the operations comprising:

monitoring a selection of a communication channel by a user of a mobile communication device;

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providing a plurality of radio frequencies on a display of the mobile communication device, each radio frequency being associated with a geographical zone from which a plurality of video feeds associated with the geographic zone are sourced;

monitoring a selection of a radio frequency of the plurality of radio frequencies by the user;

identifying at least one video feed by selecting the at least one video feed from the plurality of video feeds associated with the geographic zone, wherein the at least one video feed is associated with the selected communication channel based on a user policy that identifies one or more video feeds that are relevant to the user when the user accesses the selected communication channel, the one or more video feeds being independent of the selected communication channel; and

providing access to the identified at least one video feed to the mobile communication device based on the user policy.

14. (Previously Presented) The apparatus of claim 13, wherein providing access comprises associating the identified at least one video feed with the mobile communication device in a database that is used to manage access to independent video feeds in a network based on audio communication channels that are selected by communication devices in the network.

15. (Previously Presented) The apparatus of claim 13, wherein the operations further comprise:

accessing a database to identify a plurality of members of an emergency response team that includes the user of the mobile communication device; and

presenting a plurality of available video feeds on [[a]] the display of the mobile communication device, the plurality of available video feeds including video streams associated with the plurality of members of the emergency response team.

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16. (Original) The apparatus of claim 15, wherein the available video feeds are sourced from a group of surveillance cameras.

17. (Original) The apparatus of claim 13, wherein the communication channel is a Push-To-Talk (PTT) channel in a PTT communication network and the mobile communication device is a PTT radio.

18. (Previously Presented) The apparatus of claim 13, wherein the operations further comprise:

accessing a database to identify a group of video feeds associated with the user; and

when the user selects the communication channel, providing access to the group of video feeds associated with the user to one or more other users of the communication channel.

19. (Canceled)

20. (Previously Presented) The apparatus of claim 13, wherein the operations further comprise:

monitoring an audio signal generated in proximity to a video camera providing a first video feed included in the identified at least one video feed;

processing the audio signal to identify an audio event; and

based on the identified audio event, providing access to the first video feed to a plurality of mobile communication devices in a group of mobile communication devices, the group of mobile communication devices including the mobile communication device of the user corresponding to the selection of the communication channel.

21. (Original) The apparatus of claim 13, wherein the communication channel is associated with a Virtual Talk Group (VTG).

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22. (Original) The apparatus of claim 13, wherein providing access to the video feed depends on a video association policy, the video association policy including a role of the user defined in a policy database.

23. (Previously Presented) The apparatus of claim 13, wherein the operations further comprise:

identifying a geographical location of the user's mobile communication device using a Global Positioning System;

identifying that the at least one video feed is associated with the geographical location; associating the at least one video feed with other mobile communication devices set to the same channel as the user's mobile communication device; and

automatically rendering access to the at least one video feed to the other mobile communication devices.

24. (Currently Amended) An apparatus comprising:

a monitor module to monitor a selection of an audio communication channel by a user of a mobile communication device and to monitor selection of a radio frequency of a plurality of radio frequencies by the user;

a graphical user interface to display the plurality of radio frequencies on a display of the mobile communication device, each radio frequency being associated with a geographical zone from which a plurality of video feeds associated with the geographic zone are sourced, and

a channel identifier module to identify at least one video feed by selecting the at least one video feed from the plurality of video feeds associated with the geographic zone, wherein the at least one video feed is associated with the selected audio communication channel based on a user policy that identifies one or more video feeds that are relevant to the user when the user accesses the selected audio communication channel, the one or more video feeds being independent of the selected communication channel; and

means for providing access to the identified at least one video feed to the mobile communication device based on the user policy.

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25. (Previously Presented) The method of claim 1, wherein the selected communication channel is a selected audio communication channel that is selected from a plurality of audio communication channels, the at least one video feed being associated with the selected audio communication channel, and the user policy identifying the one or more video feeds that are relevant to the user when the user accesses the selected audio communication channel.

26. (Currently Amended) The method of claim 1, wherein the user policy associates the at least one video feed with the selected communication channel based on [[a]] the geographic zone from which the at least one video feed is sourced and a device group that includes the user's communication device.

27. (Currently Amended) The method of claim 1, wherein the user policy associates the at least one video feed with the selected communication channel by comparing a first geographic zone from which the at least one video feed is sourced with a second geographic zone corresponding to a location of the user's communication device.

28. (New) The apparatus of claim 24, wherein the means for providing access associates the identified at least one video feed with the mobile communication device in a database that is used to manage access to independent video feeds in a network based on audio communication channels that are selected by communication devices in the network.

29. (New) The apparatus of claim 24, further comprising means for accessing a database to identify a plurality of members of an emergency response team including the user of the mobile communication device, and wherein the graphical user interface displays a plurality of available video feeds on the display of the mobile communication device, the plurality of available video feeds including video streams associated with the plurality of members of the emergency response team.

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30. (New) The apparatus of claim 24, further comprising:

means for monitoring an audio signal generated in proximity to a video camera providing a first video feed included in the identified at least one video feed;

means for processing the audio signal to identify an audio event; and

based on the identified audio event, the means for providing access provides access to the first video feed to a plurality of mobile communication devices in a group of mobile communication devices, the group of mobile communication devices including the mobile communication device of the user corresponding to the selection of the communication channel.

31. (New) The apparatus of claim 24, further comprising a policy module to associate the user policy with the at least one video feed with the selected communication channel based on the geographic zone from which the at least one video feed is sourced and a device group that includes the user's communication device.

32. (New) The apparatus of claim 24, further comprising a policy module to associate the user policy with the at least one video feed with the selected communication channel by comparing a first geographic zone from which the at least one video feed is sourced with a second geographic zone corresponding to a location of the user's communication device.

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REMARKS

Claims 1-27 have been examined: claims 1-6, 8-18, and 20-27 stand rejected, and claims 7 and 19 are indicated as containing allowable subject matter. By the above amendments, claims 1, 3, 13, 15, 24, 26 and 27 have been amended, claims 7 and 19 have been canceled, and new claims 28-32 have been added. Claims 28-32, which depend from claim 24, mirror the subject matter of original or previously presented claims 2, 3, 8, 26 and 27. Claims 1, 13 and 24 have been amended to include subject matter that the Examiner has indicated is allowable. Claims 3, 15, 26 and 27 have been amended to correct a typographical error.

Accordingly, claims 1-6, 8-18, and 20-32 now are pending in the subject application. Favorable reconsideration of the application and allowance of all of the pending claims are respectfully requested in view of the above amendments and the following remarks.

Rejections Under 35 U.S.C. 103(a)

Claims 1, 2, 8, 13, 14, 20 and 24-27 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over U.S. Patent Application Publication No. 2008/0108339 to Schaffer in view of U.S. Patent Application Publication No. 2007/0270172 to Kalley.

Claims 3, 4, 6, 15, 16 and 18 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Schaffer in view of Kalley and further in view of U.S. Patent Application Publication No. 2005/0232352 to Siemens.

Claims 5, 9, 17 and 21 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Schaffer in view of Kalley and further in view of U.S. Patent Application Publication No. 2006/0293073 to Rengaraju.

Claims 10, 11 and 22 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Schaffer in view of Kalley and further in view of U.S. Patent No. 7,864,716 to Manrao.

Claims 12 and 23 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Schaffer in view of Kalley and further in view of U.S. Patent Application Publication No. 2007/0015518 to Winter.

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Solely in order to advance prosecution and without acquiescing to the appropriateness of the Examiner's rejection, Applicant has amended claim 1 to recite a method comprising:

> monitoring a selection of a communication channel by a user of a mobile communication device;
>
> providing a plurality of radio frequencies on a display of the mobile communication device, each radio frequency being associated with a geographical zone from which a plurality of video feeds associated with the geographic zone are sourced;
>
> monitoring a selection of a radio frequency of the plurality of radio frequencies by the user;
>
> identifying at least one video feed by selecting the at least one video feed from the plurality of video feeds associated with the geographic zone, wherein the at least one video feed is associated with the selected communication channel based on a user policy that identifies one or more video feeds that are relevant to the user when the user accesses the selected communication channel, the one or more video feeds being independent of the selected communication channel; and
>
> providing access to the identified at least one video feed to the mobile communication device based on the user policy.

Applicant notes that amended claim 1 includes the subject matter of claim 7, which the Examiner has indicated is allowable subject matter. Claims 13 and 24 have been amended in a similar manner. Accordingly, Applicant respectfully requests that the rejection of claims 1, 13 and 24 be reconsidered and withdrawn. It is respectfully submitted that the dependent claims are now in condition for allowance at least by virtue of their dependency on any one of claims 1, 13 and 24.

Allowable Subject Matter

The Examiner has indicated that claims 7 and 19 would be allowable if rewritten in independent form to include all of the limitations of their parent claims and any intervening claims. Accordingly, Applicant has rewritten independent claims 1, 13 and 24 to include the subject matter of claims 7 or 19, respectfully. Applicant respectfully requests reconsideration and allowance of all of the pending claims.

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New Claims

New claims 28-32 have been added to further expand the scope of the claimed embodiments. Claims 28, 29, 30, 31, and 32 are directed towards computer readable media and mirror claims 2, 3, 8, 26 and 27, respectfully. It is respectfully submitted that dependent claims 28-32 are also now in condition for allowance at least by virtue of their dependency from claim 24, which contains allowable subject, matter similar to claims 1 and 13.

CONCLUSION

In view of the foregoing, Applicant respectfully requests the Examiner to find the application to be in condition for allowance with claims 1-6, 8-18, and 20-32. However, if for any reason the Examiner feels that the application is not now in condition for allowance, the Examiner is respectfully requested to call the undersigned attorney or agent to discuss any unresolved issues and to expedite the disposition of the application.

Filed concurrently herewith is an excess claim fee in the amount of $400 for payment of 5 total claims in excess of the 27 previously paid for. Applicant hereby petitions for any extension of time that may be necessary to maintain the pendency of this application. The Commissioner is hereby authorized to charge payment of any additional fees required for the above-identified application or credit any overpayment to Deposit Account No. 05-0460.

Dated: November 11, 2014

Respectfully submitted by:

/Janet C. Effler/
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Motorola Solutions, Inc., Ex1003, p. 118

Electronic Patent Application Fee Transmittal

Application Number:	12188982
Filing Date:	08-Aug-2008
Title of Invention:	ACCESS TO VIDEO STREAMS ON MOBILE COMMUNICATION DEVICES
First Named Inventor/Applicant Name:	Shmuel Shaffer
Filer:	Janet Carol Effler/Aja Turesko
Attorney Docket Number:	0370.1933C(956158)

Filed as Large Entity

Utility under 35 USC 111(a) Filing Fees

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Basic Filing:				
Pages:				
Claims:				
Claims in Excess of 20	1202	5	80	400
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Miscellaneous:				
		Total in USD ($)		**400**

Electronic Acknowledgement Receipt

EFS ID:	20660736
Application Number:	12188982
International Application Number:	
Confirmation Number:	6073
Title of Invention:	ACCESS TO VIDEO STREAMS ON MOBILE COMMUNICATION DEVICES
First Named Inventor/Applicant Name:	Shmuel Shaffer
Customer Number:	99499
Filer:	Janet Carol Effler/Aja Turesko
Filer Authorized By:	Janet Carol Effler
Attorney Docket Number:	0370.1933C(956158)
Receipt Date:	11-NOV-2014
Filing Date:	08-AUG-2008
Time Stamp:	13:30:45
Application Type:	Utility under 35 USC 111(a)

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Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		AmdReOA09-11-14.pdf	170973 ad2f6039d0e633e512ff4a88f601f983193b70a0	yes	12

	Multipart Description/PDF files in .zip description		
	Document Description	**Start**	**End**
	Response After Final Action	1	1
	Claims	2	9
	Applicant Arguments/Remarks Made in an Amendment	10	12

Warnings:					
Information:					
2	Fee Worksheet (SB06)	fee-info.pdf	30417 598f409549f311c83a0e7fb731ff7962b884fa29	no	2
Warnings:					
Information:					
		Total Files Size (in bytes):	201390		

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New Applications Under 35 U.S.C. 111
If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

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

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

PTO/SB/06 (09-11)
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PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875	Application or Docket Number 12/188,982	Filing Date 08/08/2008	☒ To be Mailed

ENTITY: ☒ LARGE ☐ SMALL ☐ MICRO

APPLICATION AS FILED – PART I

	(Column 1)	(Column 2)		
FOR	NUMBER FILED	NUMBER EXTRA	RATE ($)	FEE ($)
☐ BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A	
☐ SEARCH FEE (37 CFR 1.16(k), (i), or (m))	N/A	N/A	N/A	
☐ EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A	
TOTAL CLAIMS (37 CFR 1.16(i))	minus 20 =	*	X $ =	
INDEPENDENT CLAIMS (37 CFR 1.16(h))	minus 3 =	*	X $ =	
☐ APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is $310 ($155 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).			
☐ MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))				
* If the difference in column 1 is less than zero, enter "0" in column 2.			TOTAL	

APPLICATION AS AMENDED – PART II

		(Column 1)		(Column 2)	(Column 3)		
	11/11/2014	CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE ($)	ADDITIONAL FEE ($)
AMENDMENT	Total (37 CFR 1.16(i))	* 30	Minus	** 27	= 3	X $80 =	240
	Independent (37 CFR 1.16(h))	* 3	Minus	***3	= 0	X $420 =	0
	☐ Application Size Fee (37 CFR 1.16(s))						
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))						
						TOTAL ADD'L FEE	**240**

		(Column 1)		(Column 2)	(Column 3)		
		CLAIMS REMAINING AFTER AMENDMENT		HIGHEST NUMBER PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE ($)	ADDITIONAL FEE ($)
AMENDMENT	Total (37 CFR 1.16(i))	*	Minus	**	=	X $ =	
	Independent (37 CFR 1.16(h))	*	Minus	***	=	X $ =	
	☐ 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.
** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".
*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".
The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

LIE
/NICHELE PETERSON/

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
12/188,982	08/08/2008	Shmuel Shaffer	0370.1933C(956158)	6073

99499 7590 09/11/2014

Edell, Shapiro, & Finnan, LLC
9801 Washingtonian Blvd.
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EXAMINER	
HSU, AMY R	
ART UNIT	**PAPER NUMBER**
2664	

NOTIFICATION DATE	DELIVERY MODE
09/11/2014	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):

epatent@usiplaw.com

Office Action Summary	Application No. 12/188,982	Applicant(s) SHAFFER ET AL.	
	Examiner AMY HSU	Art Unit 2664	AIA (First Inventor to File) Status No

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

Period for Reply

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

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

Status

1)☒ Responsive to communication(s) filed on *5/21/14*.

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

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

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

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

Disposition of Claims*

5)☒ Claim(s) *1-27* is/are pending in the application.

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

6)☐ Claim(s) _____ is/are allowed.

7)☒ Claim(s) *1-6,8-18 and 20-27* is/are rejected.

8)☒ Claim(s) *7,19* is/are objected to.

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

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

Application Papers

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

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

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

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

Priority under 35 U.S.C. § 119

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

Certified copies:

a)☐ All b)☐ Some** c)☐ None of the:

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

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

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

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

Attachment(s)

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

2) ☐ Information Disclosure Statement(s) (PTO/SB/08a and/or PTO/SB/08b) Paper No(s)/Mail Date _____.

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

4) ☐ Other: _____.

DETAILED ACTION

1. The present application is being examined under the pre-AIA first to invent provisions.

Response to Arguments

2. Claims 1-2, 8, 13-14,20,24-27 are rejected under 35 U.S.C. 103(a) as being unpatentable over Shaffer et al. (US 2008/0108339) in view of Kalley et al. (US 2007/0270172).

3. Applicant's arguments filed 5/21/2014 have been fully considered but they are not persuasive. Regarding claim 1, Applicant argues on page 10 or Remarks that Kalley discloses “when a user selects a **virtual talk group**” and not “a selection of a **communication channel**” as claimed. Selecting a virtual talk group constitutes selecting a communication channel. Applicant's specification even discloses that a virtual talk group is associated with a communication channel (*paragraph 30),* thus when a virtual talk group is selected, the associated communication channel that hosts the talk group is selected.

Second, Applicant argues on page 10 of Remarks that the Examiner has identified the concept of selecting a virtual talk group in isolation while ignoring limitations that relate "monitoring a selection of a communication channel” with “identifying at least one video feed associated with the selected communication channel” and “when the user accesses the selected communication channel.” Applicant argues that these limitations are not disclosed or suggested by Kalley. Kalley teaches monitoring a selection of a virtual talk group (*paragraph 7),* and identifying a video feed

associated with the selected communication channel, when the user accesses the selected communication channel (*paragraph 87 teaches sharing a video feed as an example of communication between users accessing the channel or virtual talk group, and paragraph 101 teaches video streaming amongst users accessing a channel).*

Applicant argues on page 10-11 or Remarks that the cited references do not teach “providing access to the identified at least one video feed to the mobile communication device based on the user policy." Kalley teaches a policy engine, reference number 58, including user policies for communication and paragraph 87 teaches the communication includes sharing video amongst the communication devices in the associated communication channel. Applicant further argues on page 11 that Shaffer does not suggest a modification to include these limitations. Shaffer teaches communication amongst the users in the virtual talk group (associated with a communication channel), and gives examples of the communication including audio messages. One of ordinary skill in the art would realize to modify audio communication amongst users in a group and enhance communication by also allowing video communication, as taught by Kalley.

Regarding claim 2, Applicant argues on page 12 of Remarks that the cited references do not disclose or suggest "a database that is used to manage access to independent video feeds in a network based on audio communication channels that are selected by communication devices in the network.” Kalley further teaches in paragraph 87 that video feeds may be accessed by users that select a certain talk group which is a communication channel, and the communication system 10 has communication

networks 24 to provide communication sessions, which will manage communication amongst the group including the shared video feed in the talk group.

Regarding claim 12, Applicant argues that the cited references do not disclose or suggest "associating the at least one video feed with other mobile communication devices set to the same channel as the user's mobile communication device; and automatically rendering access to the at least one video feed to the other mobile communication device. While Winter is used to teach determining physical location by monitoring GPS signal, the above limitations are taught by Shaffer in view of Kalley: Kalley teaches the video feed is shared by the members of the virtual talk group, which are members on the same channel associated with the virtual talk group.

Claim Rejections - 35 USC § 103

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

5. Claims 1-2, 8, 13-14, 20, 24-27 are rejected under 35 U.S.C. 103(a) as being unpatentable over Schaffer et al. (US 2008/0108339) in view of Kalley et al. (US 2007/0270172).

Regarding Claim 1, Schaffer teaches a method comprising: a communication channel that may be accessed by mobile communication devices (*Figure 1 shows a talk*

group which is a communication channel that may be accessed by the devices mobile devices 110) and teaches providing access to communication with others accessing the same communication channel, but is silent on the communication including video feed associated with the selected communication channel based on a user policy that identifies one or more video feeds that are relevant to the user when the user accesses a communication channel the one or more video feeds being independent of the selected communication channel and providing access to the mobile communication device based on the user policy, and does not teach the user selecting the communication channel or talk group. Kalley teaches a similar method with users in a talk group that may communicate, and teaches in paragraph 103 that the user may select the virtual talk group or communication channel, and paragraph *87 teaches sharing a video feed as an example of communication between users accessing the channel or virtual talk group, and paragraph 101 teaches video streaming amongst users accessing a channel*. It would have been obvious to one of ordinary skill in the art at the time of the invention to modify the teaching of Schaffer with that of Kalley to provide virtual talk group communication sessions and manage the capabilities of endpoints (*paragraph 10 of Kalley)* to improve communication and access to information amongst users in a specific communication group.

Regarding Claim 2, Shaffer in view of Kalley teach the method of claim 1, and Kalley further teaches providing access comprises associating the identified at least one video feed with the mobile communication device in a database that is used to manage access to independent video feeds in a network based on audio communication

channels that are selected by communication devices in the network (*paragraph 87 teaches video feeds may be accessed by users that select a certain talk group which is a communication channel, and the communication system 10 has communication networks 24 to provide communication sessions, which will manage communication amongst the group including the shared video feed in the talk group).*

Regarding Claim 8, Shaffer in of Kalley teach the method of claim 1, further comprising monitoring an audio signal generated in proximity to a video camera providing a first video feed included in the identified at least on video feed (*paragraph 11 teaches the video feed may include audio data)*; processing the audio signal to identify an audio event; and based on the identified audio event (*paragraph 19 teaches that video analytics algorithms may detect certain events based on the camera data, and paragraph 11 teaches that the camera data includes audio data)*, providing access to the first video feed to a plurality of mobile communication devices in a group of mobile communication devices (*Schaffer teaches that relevant data associated with the detected event may be accessed by the talk group)*, the group of mobile communication devices including the mobile communication device of the user corresponding to the selection of the communication channel (*Claim 1 addresses a user's ability to select a communication channel)*.

Claims 13-14, 24 are rejected similarly and claim 20 is rejected similarly to claim 6.

Regarding Claim 25, Schaffer in view of Kalley teach the method of claim 1, wherein the selected communication channel is a selected audio communication channel that is selected from a plurality of audio communication channels, the at least one video feed being associated with the selected audio communication channel (*paragraph 11 teaches the channel can be an audio channel)*, and the user policy identifying the one or more video feeds that are relevant to the user when the user accesses the selected audio communication channel (*as addressed with claim 1)*.

Regarding Claim 26, Schaffer in view of Kalley teaches the method of claim 1, wherein the user policy associates the at least one video feed with the selected communication channel based on a geographic zone from which the at least one video feed is sourced and a device group that includes the user's communication device (*Schaffer teaches Figure 1 that the video feed is associated with the communication channel based on a geographic zone from which the video is sourced, for example video feed from camera 106-1 is associated with the geographic zone 1, and paragraph 17 teaches a device group; further claim 1 addresses the user's ability to select a communication channel)*.

Regarding Claim 27, Schaffer in view of Kalley teach the method of claim l, wherein the user policy associates the at least one video feed with the selected communication channel by comparing a first geographic zone from which the at least one video feed is sourced with a second geographic zone corresponding to a location of the user's communication device (*paragraph 42 of Schaffer teaches comparing a*

geographic zone with the geographic zone corresponding the user's mobile device to find out which users are closest to a certain event location)

7. Claims 3-4, 6, 15-16, 18 rejected under 35 U.S.C. 103(a) as being unpatentable over Schaffer et al. (US 2008/0108339) in view of Kalley et al. (US 2007/0270172) in view of Siemens (US 2005/0232352).

Regarding Claim 3, Schaffer in view of Kalley teach the method of claim 1, and teaches that the method may apply to situations that may involve an intruder with a gun (*paragraph 42)* but does not teach accessing a database to identify a plurality of members of an emergency response team that includes the user of the mobile communication device; and presenting a plurality of available video feeds on a display of the mobile communication device, the plurality of available video feeds including video streams associated with the plurality of members of the emergency response team. However, it is well known to use a video communication system for the purpose of emergency response such as to police patrol cars as taught in Siemens. In Fig. 4, Siemens teaches a database identifying patrol cars, 452,454, 456, and 458. The monitor 170 also displays available video feeds and the feeds correspond to video streams from 4 police cars. One of ordinary skill in the art would realize the invention taught by Schaffer which allows a mobile user to select channels with the capability of Siemens to have video associated with different police cars and to combine such that mobile users may select video associated with different police cars. It is readily foreseen that a user wishes to select video based on particulars of the video such as

location of the video or who shot the video. Thus given the two teachings, it would be obvious to realize allowing a user to select video based on the police car that the video came from. It would have been obvious to one of ordinary skill in the art at the time of the invention to modify the teaching of Schaffer in view of Kalley with that of Siemens to realize the use of video communication via channels corresponding to different video feeds in the area of emergency response such as among a police department. This would be obvious because police activity and other emergency response activity benefits from video communication for various reasons like evidence gathering or spreading critical information quickly.

Regarding Claim 4, Schaffer in view of Kalley teach the method of claim 3, wherein the available video feeds are sourced from a group of surveillance cameras (*as taught by Schaffer in paragraph 13)*.

Claim 6 is rejected similarly to claim 3 where Schaffer in view of Kalley teach allowing a user to select a channel associated with a video and Siemens teaches in Fig. 4 a database to identify a set of video with a certain user. Similar to the rationale of claim 3, it would have been obvious to one of ordinary skill in the art at the time of the invention to combine Schaffer in view of Kalley with Siemens to realize allowing a mobile user to select and receive video based on the user that captured the video.

Claims 15-16, 18 are rejected similarly to claims 3-4, 6.

8. Claims 5, 9, 17, 21 rejected under 35 U.S.C. 103(a) as being unpatentable over Schaffer et al. (US 2008/0108339) in view of Kalley et al. (US 2007/0270172) in view of Rengaraju et al. (US 2006/0293073).

Regarding Claim 5, Schaffer in view of Kalley teach the method of claim 1, but does not teach the communication channel is a Push-To-Talk (PTT) channel in a PTT communication network and the mobile communication device is a PTT radio. One of ordinary skill in the art recognizes PTT as a widely used type of communication device where the advantage is to initiate and send data with just a push of a key. Rengaraju teaches use of such device in video communication in paragraph 30 with push to video or push to talk device and system. It would have been obvious to one of ordinary skill in the art at the time of the invention to modify the teaching of Schaffer in view of Kalley with that of Rengaraju to realize push to talk device in video communication system in order to decrease the time to initiate and send data.

Regarding Claim 9, Schaffer in view of Kalley teach the method of claim 1, but does not teach the communication channel is associated with a Virtual Talk Group (VTG). Renegaraju further teaches push to talk to communicate with a talk group with a push of a key, in paragraph 30. It would have been obvious to one of ordinary skill in the art at the time of the invention to modify the teaching of Schaffer in view of Kalley with Renegaraju similar to claim 5.

Claims 17, 21 are rejected similarly to claim 5, 9.

9. Claims 10-11, 22 rejected under 35 U.S.C. 103(a) as being unpatentable over Schaffer et al. (US 2008/0108339) in view of Kalley et al. (US 2007/0270172) in view of Manrao et al. (US 7864716).

Regarding Claims 10-11, Schaffer in view of Kalley teach the method of claim 1, but does not teach wherein providing access to the video feeds depends on a video association policy which includes role of the user defined in a policy database. Such policies are well known in talk group management as taught by Manrao with one example in Figure 8a-8b. It would have been obvious to one of ordinary skill in the art at the time of the invention to modify the teaching of Schaffer in view of Kalley with that of Manrao to implement database policy or protocol for effective management of the communication system.

Claim 22 is rejected similarly.

10. Claims 12, 23 are rejected under 35 U.S.C. 103(a) as being unpatentable over Schaffer et al. (US 2008/0108339) in view of Kalley et al. (US 2007/0270172) further in view of Winter et al. (US 2007/0015518).

Regarding Claim 12, Schaffer in view of Kalley teach the method of claim 1, and Schaffer teaches identifying a geographical location of the user's mobile communication device using a GPS (*paragraph 26)* but does not teach identifying that the at least one video feed is associated with the geographical location; associating the at least one video feed with other mobile communication devices set to the same

channel as the user's mobile communication device; and automatically rendering access to the at least one video feed to the other mobile communication devices. Winter also teaches determining physical location by monitoring GPS signal of a communication device and providing data accordingly. It would have been obvious to one of ordinary skill in the art at the time of the invention to modify the teaching of Schaffer in view of Kalley with that of Winter to realize transmission of video signals based on GPS location to receive relevant data based on location.

Claim 23 is rejected similarly.

Allowable Subject Matter

11. Claims 7, 19 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Conclusion

12. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of

the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to AMY HSU whose telephone number is (571)270-3012. The examiner can normally be reached on M-F 8am-6pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lin Ye can be reached on 571-272-7372. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Amy Hsu
Examiner
Art Unit 2664

/AUNG S. MOE/
Primary Examiner, Art Unit 2664

Notice of References Cited	Application/Control No. 12/188,982	Applicant(s)/Patent Under Reexamination SHAFFER ET AL.	
	Examiner AMY HSU	Art Unit 2664	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A	US-2002/0137462 A1	09-2002	Rankin, Paul J.	455/41
*	B	US-2005/0232352 A1	10-2005	Siemens et al.	375/240.12
*	C	US-2006/0293073 A1	12-2006	Rengaraju et al.	455/518
*	D	US-2007/0015518 A1	01-2007	Winter et al.	455/456.1
*	E	US-2007/0270172 A1	11-2007	Kalley et al.	455/518
*	F	US-2008/0036851 A1	02-2008	PATEL, Mehul B.	348/21
*	G	US-2008/0108339 A1	05-2008	Shaffer et al.	455/416
*	H	US-7,499,719 B2	03-2009	Rengaraju et al.	455/518
*	I	US-2009/0082038 A1	03-2009	McKiou et al.	455/456.6
*	J	US-7,783,316 B1	08-2010	Mitchell, James P.	455/521
*	K	US-7,864,716 B1	01-2011	Manroa et al.	370/260
	L	US-			
	M	US-			

FOREIGN PATENT DOCUMENTS

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

NON-PATENT DOCUMENTS

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

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

Index of Claims	Application/Control No.	Applicant(s)/Patent Under Reexamination
	12188982	SHAFFER ET AL.
	Examiner	Art Unit
	AMY HSU	2622

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

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

CLAIM		DATE								
Final	Original	01/11/2012	08/23/2012	02/10/2014	09/03/2014					
	1	✓	✓	✓	✓					
	2	✓	✓	✓	✓					
	3	✓	✓	✓	✓					
	4	✓	✓	✓	✓					
	5	✓	✓	✓	✓					
	6	✓	✓	✓	✓					
	7	✓	✓	✓	O					
	8	✓	✓	✓	✓					
	9	✓	✓	✓	✓					
	10	✓	✓	✓	✓					
	11	✓	✓	✓	✓					
	12	✓	✓	✓	✓					
	13	✓	✓	✓	✓					
	14	✓	✓	✓	✓					
	15	✓	✓	✓	✓					
	16	✓	✓	✓	✓					
	17	✓	✓	✓	✓					
	18	✓	✓	✓	✓					
	19	✓	✓	✓	O					
	20	✓	✓	✓	✓					
	21	✓	✓	✓	✓					
	22	✓	✓	✓	✓					
	23	✓	✓	✓	✓					
	24	✓	✓	✓	✓					
	25		✓	✓	✓					
	26			✓	✓					
	27			✓	✓					

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	"20070270172" and communication near3 channel$4	US-PGPUB; USPAT	OR	OFF	2014/09/03 13:47
L2	0	"20070270172" and communication near3 channel$4 same (virtual near3 group)	US-PGPUB; USPAT	OR	OFF	2014/09/03 13:48
L3	0	"20070270172" and communication near3 channel$4 same (talk near3 group$4)	US-PGPUB; USPAT	OR	OFF	2014/09/03 13:48
L4	0	"12188892" and (virtual near3 talk) same (communication near3 channel$4)	US-PGPUB; USPAT	OR	OFF	2014/09/03 13:48
L5	0	"12188892" and (virtual near3 talk)	US-PGPUB; USPAT	OR	OFF	2014/09/03 13:48
L6	0	"20080108339" and (communication near3 channel$4)	US-PGPUB; USPAT	OR	OFF	2014/09/03 13:48
L7	1	"12188982" and (communication near3 channel$4)	US-PGPUB; USPAT	OR	OFF	2014/09/03 13:49
L8	1	"12188982" and (communication near3 channel$4) same group	US-PGPUB; USPAT	OR	OFF	2014/09/03 13:49
L9	1	"12188982" and (communication near3 channel$4) same talk same group	US-PGPUB; USPAT	OR	OFF	2014/09/03 13:49
L10	0	"20070270172" and monitor$4 same select$4	US-PGPUB; USPAT	OR	OFF	2014/09/03 13:55
L11	2	"20070270172" and monitor$4	US-PGPUB; USPAT	OR	OFF	2014/09/03 13:55
L12	0	"20080108339" and database	US-PGPUB; USPAT	OR	OFF	2014/09/03 13:58
L13	0	"12188892" and database	US-PGPUB; USPAT	OR	OFF	2014/09/03 13:58
L14	0	"12188892" and database.clm.	US-PGPUB; USPAT	OR	OFF	2014/09/03 13:58
L15	1	"20070015518"	US-PGPUB; USPAT	OR	OFF	2014/09/03 14:01
L16	1	"20070015518" and radio near3 frequency	US-PGPUB;	OR	OFF	2014/09/03 14:02

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			USPAT			
L17	1	"20070015518" and radio near3 frequenc$4 same geographic	US-PGPUB; USPAT	OR	OFF	2014/09/03 14:02
L18	1	"20070015518" and radio near3 frequenc$4	US-PGPUB; USPAT	OR	OFF	2014/09/03 14:05
L19	1	"20080108339" and (receiv$4 near5 video)	US-PGPUB; USPAT	OR	OFF	2014/09/03 15:08
L20	1	"20080108339" and (talk near3 group same video)	US-PGPUB; USPAT	OR	OFF	2014/09/03 15:09
L21	1	"20080108339" and (talk near3 group same receiv$4)	US-PGPUB; USPAT	OR	OFF	2014/09/03 15:10
L22	1	"20080108339" and (talk near3 group same receiv$4 same video)	US-PGPUB; USPAT	OR	OFF	2014/09/03 15:11
L23	0	"20080108339" and (talk near3 group same camera)	US-PGPUB; USPAT	OR	OFF	2014/09/03 15:12
L24	0	"20080108339" and (talk near3 group same access$4)	US-PGPUB; USPAT	OR	OFF	2014/09/03 15:12
L25	0	"20080108339" and (talk near3 group same signal$4)	US-PGPUB; USPAT	OR	OFF	2014/09/03 15:12
L26	1	"20080108339" and (talk near3 group same information)	US-PGPUB; USPAT	OR	OFF	2014/09/03 15:13
L27	1	"20080108339" and (talk near3 group same video)	US-PGPUB; USPAT	OR	OFF	2014/09/03 15:14
L28	0	"20070270172" and virtual near4 talk near4 group same receiv$4 near3 video	US-PGPUB; USPAT	OR	OFF	2014/09/03 15:17
L29	2	"20070270172" and virtual near4 talk near4 group same video	US-PGPUB; USPAT	OR	OFF	2014/09/03 15:17
L30	0	"20080108339" and communicat$4 same grou	US-PGPUB; USPAT	OR	OFF	2014/09/03 15:20
L31	1	"20080108339" and communicat$4 same group	US-PGPUB; USPAT	OR	OFF	2014/09/03 15:20
L32	1	"20080108339" and communicat$4 same group same video	US-PGPUB; USPAT	OR	OFF	2014/09/03 15:20
L33	2	"20070270172" and select$4 same group$4	US-PGPUB; USPAT	OR	OFF	2014/09/03 15:25
L34	2	"20070270172" and policy	US-PGPUB; USPAT	OR	OFF	2014/09/03 15:30
L35	0	"20070270172" and policy same video	US-PGPUB;	OR	OFF	2014/09/03 15:30

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			USPAT			
L36	0	"20070270172" and database	US-PGPUB; USPAT	OR	OFF	2014/09/03 16:15
L37	2	"20070270172" and network	US-PGPUB; USPAT	OR	OFF	2014/09/03 16:16
L38	6420	((H04N21/41407 OR H04N21/4524 OR H04N21/6131 OR H04N21/64707).CPC.)	US-PGPUB; USPAT	OR	OFF	2014/09/03 17:09
S1	11	"188982".ap.	US-PGPUB; USPAT	OR	OFF	2012/01/11 14:49
S2	309225	"348".clas. or "455".clas.	US-PGPUB; USPAT	OR	OFF	2012/01/11 14:50
S3	1625	S2 and (select$4 same user same (communication near3 channel$1))	US-PGPUB; USPAT	OR	OFF	2012/01/11 14:50
S4	244	S2 and (select$4 near7 user near7 (communication near3 channel$1))	US-PGPUB; USPAT	OR	OFF	2012/01/11 14:51
S5	15	S2 and (select$4 near7 user near7 (communication near3 channel$1)) same video	US-PGPUB; USPAT	OR	OFF	2012/01/11 14:51
S6	15	S2 and (select$4 near7 user near7 (communication near3 channel$1)) same video and video	US-PGPUB; USPAT	OR	OFF	2012/01/11 14:52
S7	15	S2 and (select$4 near7 user near7 (communication near3 channel$1)) same video and (video same channel$1)	US-PGPUB; USPAT	OR	OFF	2012/01/11 14:52
S8	5	S2 and (select$4 near7 user near7 (communication near3 channel$1)) same video and (video same channel$1) and push$4	US-PGPUB; USPAT	OR	OFF	2012/01/11 14:55
S9	2	"20060293073" and (select$4 near3 channel$1)	US-PGPUB; USPAT	OR	OFF	2012/01/11 14:57
S10	3	S6 and talk	US-PGPUB; USPAT	OR	OFF	2012/01/11 14:58
S11	0	"20080036851" and ppt	US-PGPUB; USPAT	OR	OFF	2012/01/11 14:59
S12	0	"20080036851" and talk	US-PGPUB; USPAT	OR	OFF	2012/01/11 14:59
S13	2	"20080036851" and phone	US-PGPUB; USPAT	OR	OFF	2012/01/11 14:59
S14	1	"20100033580" and ppt	US-PGPUB; USPAT	OR	OFF	2012/01/11 15:00
S15	1	"20100033580" and push$4	US-PGPUB; USPAT	OR	OFF	2012/01/11 15:01
S16	107	((pushtotalk) ppt (push$4 adj2 talk))	US-	OR	OFF	2012/01/11

		same channel$1 same video	PGPUB; USPAT			15:02
S17	14	((pushtotalk) ppt (push$4 adj2 talk)) same channel$1 same video and (user near3 select$4 near5 channel$1)	US-PGPUB; USPAT	OR	OFF	2012/01/11 15:03
S18	0	"20100033580" and subscription	US-PGPUB; USPAT	OR	OFF	2012/01/11 15:05
S19	1	"20100033580" and (user near2 policy)	US-PGPUB; USPAT	OR	OFF	2012/01/11 15:05
S20	1	"20100033580" and (policy)	US-PGPUB; USPAT	OR	OFF	2012/01/11 15:06
S21	2	"20060293073" and (user same channeL$2)	US-PGPUB; USPAT	OR	OFF	2012/01/11 15:13
S22	2	"20060293073" and (user near5 channeL$2)	US-PGPUB; USPAT	OR	OFF	2012/01/11 15:17
S23	1488	"20060293073" and ppt ptv	US-PGPUB; USPAT	OR	OFF	2012/01/11 15:19
S24	2	"20060293073" and (ppt ptv)	US-PGPUB; USPAT	OR	OFF	2012/01/11 15:19
S25	15	(ppt ptv) same (Emergency)	US-PGPUB; USPAT	OR	OFF	2012/01/11 15:21
S26	9	(ppt ptv) same (Emergency) and channel$1	US-PGPUB; USPAT	OR	OFF	2012/01/11 15:22
S27	7	(ppt ptv) same (Emergency) and channel$1 same select$4	US-PGPUB; USPAT	OR	OFF	2012/01/11 15:22
S28	5	(ppt ptv) same (Emergency) and channel$1 same select$4 same user$1	US-PGPUB; USPAT	OR	OFF	2012/01/11 15:22
S29	6	(ppt ptv) same (Emergency) and channel$1 same select$4 and user	US-PGPUB; USPAT	OR	OFF	2012/01/11 15:23
S30	1	"7783316".pn. and talk	US-PGPUB; USPAT	OR	OFF	2012/01/11 15:49
S31	0	"7783316".pn. and ptt	US-PGPUB; USPAT	OR	OFF	2012/01/11 15:49
S32	0	"20080036851" and policy	US-PGPUB; USPAT	OR	OFF	2012/01/11 16:44
S33	2	"20080036851" and user	US-PGPUB; USPAT	OR	OFF	2012/01/11 16:44
S34	2	"20080036851" and (service near3 provid$4)	US-PGPUB; USPAT	OR	OFF	2012/01/11 16:45
S35	1	"7783316".pn. and video	USPAT	OR	OFF	2012/01/11

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						16:48
S36	1	"7783316".pn. and database	USPAT	OR	OFF	2012/01/11 16:50
S37	1	"7783316".pn. and (mobile near2 client) near5 transmit$4	USPAT	OR	OFF	2012/01/11 16:55
S38	1	"7783316".pn. and (mobile near2 client) near5 transmit$4 same receiv$4	USPAT	OR	OFF	2012/01/11 16:57
S39	1	"7783316".pn. and (mobile near2 client) near5 video	USPAT	OR	OFF	2012/01/11 16:58
S40	2042	"348".clas. and ((public near2 safety) or police or (emergency near2 response))	US-PGPUB; USPAT	OR	OFF	2012/01/11 17:06
S41	46	"348".clas. and ((public near2 safety) or police or (emergency near2 response)) same video same channel	US-PGPUB; USPAT	OR	OFF	2012/01/11 17:06
S42	23	"348".clas. and ((public near2 safety) or police or (emergency near2 response)) same video same channel and database	US-PGPUB; USPAT	OR	OFF	2012/01/11 17:06
S43	0	"20060215024" and mobile	US-PGPUB; USPAT	OR	OFF	2012/01/11 17:10
S44	1	"20060215024"	US-PGPUB; USPAT	OR	OFF	2012/01/11 17:10
S45	1	"20060215024" and wireless	US-PGPUB; USPAT	OR	OFF	2012/01/11 17:10
S46	1	"20050232352" and channel	US-PGPUB; USPAT	OR	OFF	2012/01/11 17:14
S47	1	"20050232352" and database	US-PGPUB; USPAT	OR	OFF	2012/01/11 17:14
S48	1	"20050232352" and surveillance	US-PGPUB; USPAT	OR	OFF	2012/01/11 17:16
S49	0	"20050232352" and ppt	US-PGPUB; USPAT	OR	OFF	2012/01/11 17:17
S50	0	"20050232352" and push$4	US-PGPUB; USPAT	OR	OFF	2012/01/11 17:17
S51	5	(US-20080036851-$ or US-20060293073-$ or US-20050232352-$).did. or (US-7499719-$ or US-7783316-$).did.	US-PGPUB; USPAT	OR	OFF	2012/01/11 17:54
S52	3	S51 and (radio near2 frequenc$4)	US-PGPUB; USPAT	OR	OFF	2012/01/11 17:55
S53	500	"348".clas. and (database same user same video same channel)	US-PGPUB; USPAT	OR	OFF	2012/01/11 18:55
S54	40	"348".clas. and (database near10 user near10 video same channel)	US-PGPUB; USPAT	OR	OFF	2012/01/11 18:57
S55	3	"348".clas. and (database near10 user near10 video same (communication near3	US-PGPUB;	OR	OFF	2012/01/11 18:58

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		channel))	USPAT			
S56	1	"20050232352" and (file near2 system)	US-PGPUB; USPAT	OR	OFF	2012/01/11 19:00
S57	5	(US-20080036851-$ or US-20060293073-$ or US-20050232352-$).did. or (US-7499719-$ or US-7783316-$).did.	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:06
S58	0	S57 and (talk near2 group)	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:07
S59	4	S57 and (talk nsame group)	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:07
S60	2	S57 and (talk same group)	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:07
S61	309225	"348".clas. or "455".clas.	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:10
S62	187	S61 and (policy near2 database)	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:10
S63	80	S61 and (policy near2 database) same (user)	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:11
S64	1	"7864716".pn. and (policy same database same user)	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:16
S65	163131	"348".clas. or "455".clas. and (radio near2 frequenc$4) same (geographic$4)	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:17
S66	161012	"348".clas. or "455".clas. and (radio near2 frequenc$4) same associat$4 same (geographic$4)	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:18
S67	309225	"348".clas. or "455".clas.	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:18
S68	390	S67 and ((radio near2 frequenc$4) same associat$4 same (geographic$4))	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:18
S69	63	S67 and ((radio near2 frequenc$4) near5 associat$4 same (geographic$4))	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:18
S70	18	S67 and ((radio near2 frequenc$4) near5 associat$4 same (geographic$4)) same channel$4	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:18
S71	1	S67 and (video) same((radio near2 frequenc$4) near5 associat$4 same (geographic$4)) same channel$4	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:20
S72	5	(US-20080036851-$ or US-20060293073-$ or US-20050232352-$).did. or (US-7499719-$ or US-7783316-$).did.	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:20
S73	3	S72 and (radio near2 frequenc$4)	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:20
S74	0	S73 and (geographic$4)	US-PGPUB;	OR	OFF	2012/01/11 20:20

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			USPAT			
S75	309225	"348".clas. or "455".clas.	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:21
S76	0	S75 and (video near10 associat$4 near10 geographic) same (radio near2 frequenc$4)	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:21
S77	30	S75 and (video near10 associat$4 near10 geographic)	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:21
S78	0	S75 and (video near10 associat$4 near10 geographic) same rf	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:21
S79	62	S75 and (video near10 associat$4 near10 geographic$4)	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:22
S80	5	S75 and (video near10 associat$4 near10 geographic$4) same radio	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:22
S81	65	S75 and (radio near2 frequenc$4) near5 associat$4 near5 (location geographic$4)	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:23
S82	72	S75 and (radio near2 frequenc$4) near5 associat$4 near5 (location geographic$4 region)	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:23
S83	74	S75 and (radio near2 frequenc$4) near5 associat$4 near5 (location geographic$4 region zone)	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:23
S84	74	S75 and (radio near2 frequenc$4) near5 associat$4 near5 (location geographic$4 region zone$1)	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:23
S85	8	S75 and (radio near2 frequenc$4) near5 associat$4 near5 (location geographic$4 region zone$1) same video	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:23
S86	48	S75 and (radio near2 frequenc$4) near5 associat$4 near5 (location geographic$4 region zone$1) and video	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:24
S87	38	S75 and (rf) near5 associat$4 near5 (location geographic$4 region zone$1) and video	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:26
S88	131	S75 and (radio near2 frequenc$4) near5 (geographic$4 zone$1) and video	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:27
S89	6	S75 and (radio near2 frequenc$4) near5 (geographic$4 zone$1) same video	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:27
S90	3083	(radio near2 frequenc$4) near10 (geographic$4 zone$4)	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:30
S91	33	(radio near2 frequenc$4) near10 (geographic$4 zone$4) same video	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:30
S92	1	"7783316".pn. and radio	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:36
S93	0	"7783316".pn. and radio near3 frequenc$4	US-PGPUB;	OR	OFF	2012/01/11 20:36

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			USPAT			
S94	1	"7783316".pn. and rf	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:36
S95	23	(radio near2 frequenc$4) near5 associat$4 near5 (geographic$4)	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:37
S96	14	(radio near2 frequenc$4) near5 associat$4 near5 (geographic$4) and video	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:37
S97	1	"20050232352" and (audio near3 event)	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:49
S98	7	(US-20080036851-$ or US-20060293073-$ or US-20050232352-$ or US-20070015518-$).did. or (US-7499719-$ or US-7783316-$ or US-7864716-$).did.	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:59
S99	3	S98 and gps	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:59
S100	2	S98 and gps same video	US-PGPUB; USPAT	OR	OFF	2012/01/11 21:05
S101	5	"348".clas. and (receiv$4 near5 video near5 based near5 gps)	US-PGPUB; USPAT	OR	OFF	2012/01/11 21:07
S102	2	"20060154156"	US-PGPUB; USPAT	OR	OFF	2012/01/13 16:39
S103	1	"12188982"	US-PGPUB; USPAT	OR	OFF	2012/08/22 14:35
S104	1	"12188982" and relevant	US-PGPUB; USPAT	OR	OFF	2012/08/22 14:35
S105	2	"20080036851" and pertinent$4	US-PGPUB; USPAT	OR	OFF	2012/08/22 14:37
S106	2	"20080036851" and relevant$4	US-PGPUB; USPAT	OR	OFF	2012/08/22 14:38
S107	0	"20080036851" and interest$4	US-PGPUB; USPAT	OR	OFF	2012/08/22 14:38
S108	0	"20080036851" and preference$4	US-PGPUB; USPAT	OR	OFF	2012/08/22 14:38
S109	0	"455".clas. and (provid$4 near4 access$4 near4 relevant44)	USPAT	OR	OFF	2012/08/22 14:39
S110	25	"455".clas. and (provid$4 near4 access$4 near4 relevant$4)	USPAT	OR	OFF	2012/08/22 14:39
S111	0	"455".clas. and (provid$4 near4 access$4 near4 relevant$4) same video	USPAT	OR	OFF	2012/08/22 14:41
S112	25	"455".clas. and (provid$4 near4 access$4 near4 relevant$4)	USPAT	OR	OFF	2012/08/22 14:41
S113	0	"455".clas. and (provid$4 near4 access$4	USPAT	OR	OFF	2012/08/22

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		near4 pertinent$4 near3 user)				18:53
S114	0	"455".clas. and (provid$4 near4 access$4 near4 pertinent$4 near3 user)	US-PGPUB; USPAT	OR	OFF	2012/08/22 18:53
S115	3	"455".clas. and (provid$4 near4 access$4 same pertinent$4 near3 user)	US-PGPUB; USPAT	OR	OFF	2012/08/22 18:53
S116	30	"455".clas. and (provid$4 near4 access$4 same interest near3 user)	US-PGPUB; USPAT	OR	OFF	2012/08/22 18:54
S117	1	"455".clas. and (provid$4 near4 access$4 same interest near3 user) same video$4	US-PGPUB; USPAT	OR	OFF	2012/08/22 18:54
S118	3	"455".clas. and (access$4 near4 video same interest near3 user)	US-PGPUB; USPAT	OR	OFF	2012/08/22 19:01
S119	798	"455".clas. and (mobile same communication same channel same video)	US-PGPUB; USPAT	OR	OFF	2012/08/22 19:02
S120	82	"455".clas. and (mobile same communication same channel same video) and ((relevant interest preference) near2 user)	US-PGPUB; USPAT	OR	OFF	2012/08/22 19:02
S121	7	"455".clas. and (mobile same communication same channel same video) and ((relevant interest preference) near2 user) same video same (provid$4 access$4)	US-PGPUB; USPAT	OR	OFF	2012/08/22 19:02
S122	7	"455".clas. and (mobile same communication same channel same video) and ((relevant interest preference) near2 user) same video same (provid$4 access$4)	US-PGPUB; USPAT	OR	OFF	2012/08/22 23:18
S123	1	"455".clas. and (access$4 near3 video) same (interest near3 user)	US-PGPUB; USPAT	OR	OFF	2012/08/22 23:28
S124	18	"455".clas. and (mobile same communication same channel same video) and ((relevant interest preference) near2 user) same video	US-PGPUB; USPAT	OR	OFF	2012/08/22 23:36
S125	7	"455".clas. and (mobile same communication same channel same video) and ((relevant interest preference) near2 user) same video same (provid$4 access$4)	US-PGPUB; USPAT	OR	OFF	2012/08/22 23:36
S126	11	S124 not S125	US-PGPUB; USPAT	OR	OFF	2012/08/22 23:36
S127	1	"20090082038"	US-PGPUB; USPAT	OR	OFF	2012/08/22 23:45
S128	1	"20090082038" and private near3 channel$4	US-PGPUB; USPAT	OR	OFF	2012/08/22 23:46
S129	1	"20090082038" and private near3 channel$4 same video	US-PGPUB; USPAT	OR	OFF	2012/08/22 23:46
S130	1	"12188982"	US-	OR	OFF	2012/08/23

Motorola Solutions, Inc., Ex1003, p. 149

			PGPUB; USPAT			08:51
S131	0	"12188982" and (audio near4 channel)	US-PGPUB; USPAT	OR	OFF	2012/08/23 08:57
S132	0	"20080036851" and (audio near3 channel)	US-PGPUB; USPAT	OR	OFF	2012/08/23 08:57
S133	2	"20080036851" and (audio)	US-PGPUB; USPAT	OR	OFF	2012/08/23 08:58
S134	2	"20080036851" and (audio same channel)	US-PGPUB; USPAT	OR	OFF	2012/08/23 08:58
S135	0	"455".clas. and (user near3 policy) same (video near3 feed) near5 (channel)	US-PGPUB; USPAT	OR	OFF	2014/02/07 15:35
S136	0	"455".clas. and (identif$4 near5 video near4 feed) same (select$4 near3 channel)	US-PGPUB; USPAT	OR	OFF	2014/02/07 15:43
S137	2	"12188892"	US-PGPUB; USPAT	OR	OFF	2014/02/07 15:43
S138	1	"12188982"	US-PGPUB; USPAT	OR	OFF	2014/02/07 15:43
S139	32479	"455".clas. and (communication near3 channel$1)	US-PGPUB; USPAT	OR	OFF	2014/02/07 15:44
S140	137	"455".clas. and user near4 select$4 near4 (communication near3 channel$1)	US-PGPUB; USPAT	OR	OFF	2014/02/07 15:45
S141	1	"12188982" and independent$4	US-PGPUB; USPAT	OR	OFF	2014/02/07 15:45
S142	0	"455".clas. and user near4 select$4 near4 (communication near3 channel$1) same (relevant near4 video near4 feed$1)	US-PGPUB; USPAT	OR	OFF	2014/02/07 15:46
S143	0	"455".clas. and user near4 select$4 near4 (communication near3 channel$1) same (relevant near4 video)	US-PGPUB; USPAT	OR	OFF	2014/02/07 15:46
S144	0	"455".clas. and user near4 select$4 near4 (communication near3 channel$1) same (relevant near4 feed)	US-PGPUB; USPAT	OR	OFF	2014/02/07 15:46
S145	0	"455".clas. and user near4 select$4 near4 (communication near3 channel$1) same (identif$4 near4 relevant)	US-PGPUB; USPAT	OR	OFF	2014/02/07 15:47
S146	0	"348".clas. and user near4 select$4 near4 (communication near3 channel$1) same (identif$4 near4 relevant)	US-PGPUB; USPAT	OR	OFF	2014/02/07 15:47
S147	1	"455".clas. and user near4 select$4 near4 (communication near3 channel$1) same (relevant)	US-PGPUB; USPAT	OR	OFF	2014/02/07 15:47
S148	0	"455".clas. and user near4 select$4 near4 (communication near3 channel$1) same (relevant near4 video)	US-PGPUB; USPAT	OR	OFF	2014/02/07 15:48
S149	0	"455".clas. and user near4 select$4 near4	US-	OR	OFF	2014/02/07

Motorola Solutions, Inc., Ex1003, p. 150

		(channel$1) same (relevant near4 video)	PGPUB; USPAT			15:49
S150	1	"455".clas. and user near4 select$4 near4 (channel$1) same (identif$4 near5 video)	US-PGPUB; USPAT	OR	OFF	2014/02/07 15:49
S151	0	"12188982" same video near4 feed same select$4 near4 communication	US-PGPUB; USPAT	OR	OFF	2014/02/07 15:50
S152	1	"12188982" and video near4 feed same select$4 near4 communication	US-PGPUB; USPAT	OR	OFF	2014/02/07 15:50
S153	1	"12188982" and database	US-PGPUB; USPAT	OR	OFF	2014/02/07 15:53
S154	1	"12188982" and database same video near3 feed	US-PGPUB; USPAT	OR	OFF	2014/02/07 15:53
S155	0	"12188982" and database same video near3 feed same audio near3 channels	US-PGPUB; USPAT	OR	OFF	2014/02/07 15:53
S156	0	"12188982" and database same video near3 feed same audio near3 channel$1	US-PGPUB; USPAT	OR	OFF	2014/02/07 15:54
S157	0	"12188982" and database same video near3 feed same audio	US-PGPUB; USPAT	OR	OFF	2014/02/07 15:54
S158	1	"12188982" and database same video near3 feed	US-PGPUB; USPAT	OR	OFF	2014/02/07 15:54
S159	0	"12188982" and database same audio	US-PGPUB; USPAT	OR	OFF	2014/02/07 15:54
S160	1	"12188982" and audio	US-PGPUB; USPAT	OR	OFF	2014/02/07 15:54
S161	1	"12188982" and audio same channel$1	US-PGPUB; USPAT	OR	OFF	2014/02/07 15:55
S162	0	"12188982" and audio same channel$1 same database	US-PGPUB; USPAT	OR	OFF	2014/02/07 15:56
S163	3	ipics near2 database	US-PGPUB; USPAT	OR	OFF	2014/02/07 15:56
S164	274	"455".clas. and (database same video same channel$1)	US-PGPUB; USPAT	OR	OFF	2014/02/07 15:57
S165	1	"20080108339"	US-PGPUB; USPAT	OR	OFF	2014/02/10 11:59
S166	1	"20080108339" and user	US-PGPUB; USPAT	OR	OFF	2014/02/10 12:00
S167	1	"20080108339" and user near5 select$4	US-PGPUB; USPAT	OR	OFF	2014/02/10 12:00
S168	1	"20080108339" and user same (talk near3	US-	OR	OFF	2014/02/10

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		group)	PGPUB; USPAT			12:00
S169	1232	((G08B13/19608 OR G08B13/19645 OR G08B13/19656).CPC.)	US-PGPUB; USPAT	OR	OFF	2014/02/10 12:01
S170	5338	((H04M11/04 OR H04M2242/14 OR H04M3/56).CPC.)	US-PGPUB; USPAT	OR	OFF	2014/02/10 12:01
S171	3042	((H04N7/157 OR H04N7/181).CPC.)	US-PGPUB; USPAT	OR	OFF	2014/02/10 12:01
S172	5095	((H04W4/08 OR H04W4/22 OR H04W76/002 OR H04W76/007).CPC.)	US-PGPUB; USPAT	OR	OFF	2014/02/10 12:01
S173	9277	S169 or S170 or S171 or S172 and (user same (talk near3 group))	US-PGPUB; USPAT	OR	OFF	2014/02/10 12:02
S174	9141	S169 or S170 or S171 or S172 and (user same (talk near3 group)) and (relevant$4 near4 video near3 feed$1)	US-PGPUB; USPAT	OR	OFF	2014/02/10 12:02
S175	3	S173 and (relevant$4 near4 video near3 feed$1)	US-PGPUB; USPAT	OR	OFF	2014/02/10 12:02
S176	0	"20080108339" and user same (talk near3 group) same (video)	US-PGPUB; USPAT	OR	OFF	2014/02/10 12:04
S177	0	"20080108339" and user same (talk near3 group) same (camera)	US-PGPUB; USPAT	OR	OFF	2014/02/10 12:04
S178	0	"12188982" and (talk near3 group same select$4)	US-PGPUB; USPAT	OR	OFF	2014/02/10 12:14
S179	1	"12188982" and (talk near3 group)	US-PGPUB; USPAT	OR	OFF	2014/02/10 12:14
S180	1	"20080108339" and select$4	US-PGPUB; USPAT	OR	OFF	2014/02/10 12:21
S181	16	"455".clas. and (virtual near3 talk near3 group) near5 select$4	US-PGPUB; USPAT	OR	OFF	2014/02/10 13:22
S182	1	"12188982"	US-PGPUB; USPAT	OR	OFF	2014/02/10 13:25
S183	1	"455".clas. and (virtual near3 talk near3 group) near5 select$4 same video	US-PGPUB; USPAT	OR	OFF	2014/02/10 13:34
S184	0	"5471646".pn. and ise	US-PGPUB; USPAT	OR	OFF	2014/02/10 13:35
S185	1	"5471646".pn. and isw	US-PGPUB; USPAT	OR	OFF	2014/02/10 13:35
S186	49	"455".clas. and (virtual near3 talk near3 group)	US-PGPUB; USPAT	OR	OFF	2014/02/10 13:37
S187	4	"455".clas. and (virtual near3 talk near3	US-	OR	OFF	2014/02/10

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		group) near5 user near4 (select$4 choos$4 chos$4 join$4)	PGPUB; USPAT			13:37
S188	4	"455".clas. and (virtual near3 talk near3 group) near5 user near4 (select$4 choos$4 chos$4 join$4) and video	US-PGPUB; USPAT	OR	OFF	2014/02/10 13:38
S189	1	"455".clas. and (virtual near3 talk near3 group) near5 user near4 (select$4 choos$4 chos$4 join$4) same video	US-PGPUB; USPAT	OR	OFF	2014/02/10 13:38
S190	4	"455".clas. and (virtual near3 talk near3 group) near5 user near4 (select$4 choos$4 chos$4 join$4) and video	US-PGPUB; USPAT	OR	OFF	2014/02/10 13:39
S191	1	"20080108339" and user	US-PGPUB; USPAT	OR	OFF	2014/02/10 13:47
S192	0	"20080108339" and request$4	US-PGPUB; USPAT	OR	OFF	2014/02/10 13:48
S193	912	455/416.ccls.	US-PGPUB; USPAT	OR	OFF	2014/02/10 13:49
S194	57	455/416.ccls. and talk near3 group	US-PGPUB; USPAT	OR	OFF	2014/02/10 13:49
S195	16	455/416.ccls. and talk near3 group same select$4	US-PGPUB; USPAT	OR	OFF	2014/02/10 13:49
S196	2	455/416.ccls. and talk near3 group near5 (user near3 select$4)	US-PGPUB; USPAT	OR	OFF	2014/02/10 14:03
S197	47	"455".clas. and talk near3 group near5 (user near3 select$4)	US-PGPUB; USPAT	OR	OFF	2014/02/10 14:04
S198	2	"455".clas. and talk near3 group near5 (user near3 select$4) same monitor$4	US-PGPUB; USPAT	OR	OFF	2014/02/10 14:04
S199	5	"455".clas. and talk near3 group near4 (select$4) same monitor$4	US-PGPUB; USPAT	OR	OFF	2014/02/10 14:05
S200	7	"455".clas. and talk near3 group near5 (user near request$4)	US-PGPUB; USPAT	OR	OFF	2014/02/10 14:09
S201	0	"455".clas. and talk near3 group near5 (user near request$4 near5 join)	US-PGPUB; USPAT	OR	OFF	2014/02/10 14:10
S202	0	"455".clas. and talk near3 group near10 (user near request$4 near5 join)	US-PGPUB; USPAT	OR	OFF	2014/02/10 14:10
S203	8	"455".clas. and talk near3 group near10 (request$4 near5 join)	US-PGPUB; USPAT	OR	OFF	2014/02/10 14:11
S204	439	(shmuel and shaffer).in. and cisco.as.	US-PGPUB; USPAT	OR	OFF	2014/02/10 15:13
S205	211	(shmuel and shaffer).in. and cisco.as.	US-PGPUB	OR	OFF	2014/02/10 15:13
S206	1	"20080108339" and policy	US-PGPUB;	OR	OFF	2014/02/10 21:13

			USPAT			
S207	0	"20080108339" and police	US-PGPUB; USPAT	OR	OFF	2014/02/10 21:33
S208	1	"20080108339"	US-PGPUB; USPAT	OR	OFF	2014/02/10 21:33
S209	1	"20080108339" and gun	US-PGPUB; USPAT	OR	OFF	2014/02/10 21:33
S210	0	"20080108339" and analyz$4 same audio same event	US-PGPUB; USPAT	OR	OFF	2014/02/10 21:45
S211	0	"20080108339" and analyz$4 same event	US-PGPUB; USPAT	OR	OFF	2014/02/10 21:45
S212	1	"20080108339" and event	US-PGPUB; USPAT	OR	OFF	2014/02/10 21:45
S213	0	"20080108339" and event same audio	US-PGPUB; USPAT	OR	OFF	2014/02/10 21:45
S214	1	"13071009"	US-PGPUB; USPAT	OR	OFF	2014/02/12 14:16
S215	1	"13071009" and histogram.clm.	US-PGPUB; USPAT	OR	OFF	2014/02/12 14:16
S216	0	"13071009" and histogram same crop$4.clm.	US-PGPUB; USPAT	OR	OFF	2014/02/12 14:16
S217	1	"13071009" and histogram same clothing.clm.	US-PGPUB; USPAT	OR	OFF	2014/02/12 14:21
S218	2	"20100266159"	US-PGPUB; USPAT	OR	OFF	2014/02/12 14:23

9/3/2014 5:12:13 PM
C:\Users\ahsu1\Documents\EAST\Workspaces\12_188982.wsp

Motorola Solutions, Inc., Ex1003, p. 154

Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
	12188982	SHAFFER ET AL.
	Examiner	Art Unit
	AMY HSU	2622

CPC- SEARCHED		
Symbol	Date	Examiner
G08B13/19608, G08B13/19645, G08B13/19656, H04M11/04, H04M2242/14, H04M3/56, H04N7/157, H04N7/181	2/10/14	AH

CPC COMBINATION SETS - SEARCHED		
Symbol	Date	Examiner

US CLASSIFICATION SEARCHED			
Class	Subclass	Date	Examiner
348	192	1/11/12	ah
455	416,518,521	2/10/14	ah

SEARCH NOTES		
Search Notes	Date	Examiner
class 455 search and keyword search	1/11/12	ah
update search	8/22/12	ah
subclass search and keyword search, class 455 and class 703 search with keywords	2/10/14	ah
update search	9/3/2014	ah

INTERFERENCE SEARCH			
US Class/ CPC Symbol	US Subclass / CPC Group	Date	Examiner

UNITED STATES PATENT AND TRADEMARK OFFICE

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

BIB DATA SHEET

CONFIRMATION NO. 6073

SERIAL NUMBER	FILING or 371(c) DATE	CLASS	GROUP ART UNIT	ATTORNEY DOCKET NO.
12/188,982	08/08/2008 RULE	348	2664	0370.1933C(956158)

APPLICANTS

INVENTORS

Shmuel Shaffer, Palo Alto, CA;
Zeeshan Rahman Khan, Fremont, CA;

**** CONTINUING DATA ***************************

**** FOREIGN APPLICATIONS ***************************

**** IF REQUIRED, FOREIGN FILING LICENSE GRANTED ****
08/20/2008

Foreign Priority claimed	☐ Yes ☑ No	☐ Met after Allowance	STATE OR COUNTRY	SHEETS DRAWINGS	TOTAL CLAIMS	INDEPENDENT CLAIMS
35 USC 119(a-d) conditions met	☐ Yes ☑ No					
Verified and Acknowledged	/AMY R HSU/ Examiner's Signature	Initials	CA	12	24	3

ADDRESS

Edell, Shapiro, & Finnan, LLC
9801 Washingtonian Blvd.
Suite 750
Gaithersburg, MD 20878
UNITED STATES

TITLE

ACCESS TO VIDEO STREAMS ON MOBILE COMMUNICATION DEVICES

FILING FEE RECEIVED		
1414	FEES: Authority has been given in Paper No._____ to charge/credit DEPOSIT ACCOUNT No._____ for following:	☐ All Fees ☐ 1.16 Fees (Filing) ☐ 1.17 Fees (Processing Ext. of time) ☐ 1.18 Fees (Issue) ☐ Other _____ ☐ Credit

UNITED STATES PATENT AND TRADEMARK OFFICE

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

APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
12/188,982	08/08/2008	Shmuel Shaffer	1370.252US1

CONFIRMATION NO. 6073

21186
SCHWEGMAN, LUNDBERG & WOESSNER, P.A.
P.O. BOX 2938
MINNEAPOLIS, MN 55402

POWER OF ATTORNEY NOTICE

OC000000069804183

Date Mailed: 07/28/2014

NOTICE REGARDING CHANGE OF POWER OF ATTORNEY

This is in response to the Power of Attorney filed 07/23/2014.

- The Power of Attorney to you in this application has been revoked by the assignee who has intervened as provided by 37 CFR 3.71. Future correspondence will be mailed to the new address of record(37 CFR 1.33).

/nhassani/

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

UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
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www.uspto.gov

APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
12/188,982	08/08/2008	Shmuel Shaffer	0370.1933C(956158)

CONFIRMATION NO. 6073

99499
Edell, Shapiro, & Finnan, LLC
9801 Washingtonian Blvd.
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Gaithersburg, MD 20878

POA ACCEPTANCE LETTER

OC000000069804231

Date Mailed: 07/28/2014

NOTICE OF ACCEPTANCE OF POWER OF ATTORNEY

This is in response to the Power of Attorney filed 07/23/2014.

The Power of Attorney in this application is accepted. Correspondence in this application will be mailed to the above address as provided by 37 CFR 1.33.

/nhassani/

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

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.	:	12/188,982
First Named Inventor	:	Shmuel Shaffer
Confirmation No.	:	6073
Filed	:	August 8, 2008
TC/A.U.	:	2664
Examiner	:	HSU, AMY R
Customer No.	:	99499
Docket No.	:	0370.1933C (956158)
Title	:	ACCESS TO VIDEO STREAMS ON MOBILE COMMUNICATION DEVICES

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

REVOCATION AND NEW POWER BY ASSIGNEE AND STATEMENT UNDER 37 C.F.R. §3.73(b)

The Assignee of the entire right, title, and interest in the above-identified application hereby revokes all previously granted powers and grants the registered practitioners of EDELL, SHAPIRO & FINNAN, LLC included in the Customer Number provided below power to act, prosecute, and transact all business in the U.S. Patent and Trademark Office in connection with this application, any applications claiming priority to this application, and any patents issuing therefrom.

The assignee certifies that to the best of its knowledge and belief it is the owner of the entire right, title, and interest in and to the above-identified application as evidenced by:

☐ An assignment document, a copy of which is enclosed herewith;

☒ An assignment previously recorded in the U.S. Patent and Trademark Office at Reel 021527, Frame 0903.

☒ Please direct all correspondence concerning this application to:

EDELL, SHAPIRO & FINNAN, LLC
9801 Washingtonian Blvd., Suite 750
Gaithersburg, MD 20878
(301) 424-3640
CUSTOMER NUMBER: **99499**

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

Date: JUL 16 2014

Signature: _____
Name: Dan H. Lang
Title: Vice President and Assistant Secretary
Company: Cisco Technology, Inc.

Electronic Acknowledgement Receipt

EFS ID:	19658765
Application Number:	12188982
International Application Number:	
Confirmation Number:	6073
Title of Invention:	ACCESS TO VIDEO STREAMS ON MOBILE COMMUNICATION DEVICES
First Named Inventor/Applicant Name:	Shmuel Shaffer
Customer Number:	21186
Filer:	D. Andrew Floam/Amanda Johnson
Filer Authorized By:	D. Andrew Floam
Attorney Docket Number:	1370.252US1
Receipt Date:	23-JUL-2014
Filing Date:	08-AUG-2008
Time Stamp:	13:52:25
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Power of Attorney	ExecutedPoA.pdf	58858 e8f1a6798d496bdbd03b9e76936afd0d7de74254	no	1

Warnings:

Information:

Total Files Size (in bytes):	58858

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

New Applications Under 35 U.S.C. 111
If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

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

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

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s):	Shmuel Shaffer et al.	Examiner: Amy Hsu
Serial No.:	12/188,982	Group Art Unit: 2664
Filed:	August 8, 2008	Docket No.: 1370.252US1
Customer No.:	21123	Confirmation No.: 6073
Title:	ACCESS TO VIDEO STREAMS ON MOBILE COMMUNICATION DEVICES	

AMENDMENT & RESPONSE UNDER 37 C.F.R. § 1.111

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

In response to the Office Action dated February 24, 2014, please amend the application as follows:

IN THE CLAIMS

The claims are as follows:

1. (Previously Presented) A method comprising:

monitoring a selection of a communication channel by a user of a mobile communication device;

identifying at least one video feed associated with the selected communication channel based on a user policy that identifies one or more video feeds that are relevant to the user when the user accesses the selected communication channel, the one or more video feeds being independent of the selected communication channel; and

providing access to the identified at least one video feed to the mobile communication device based on the user policy.

2. (Previously Presented) The method of claim 1, wherein providing access comprises associating the identified at least one video feed with the mobile communication device in a database that is used to manage access to independent video feeds in a network based on audio communication channels that are selected by communication devices in the network.

3. (Previously Presented) The method of claim 1, further comprising:

accessing a database to identify a plurality of members of an emergency response team that includes the user of the mobile communication device; and

presenting a plurality of available video feeds on a display of the mobile communication device, the plurality of available video feeds including video streams associated with the plurality of members of the emergency response team.

4. (Original) The method of claim 3, wherein the available video feeds are sourced from a group of surveillance cameras.

5. (Original) The method of claim 1, wherein the communication channel is a Push-To-Talk (PTT) channel in a PTT communication network and the mobile communication device is a PTT radio.

6. (Previously Presented) The method of claim 1, further comprising:

accessing a database to identify a group of video feeds associated with the user; and

when the user selects the communication channel, providing access to the group of video feeds associated with the user to one or more other users of the communication channel.

7. (Previously Presented) The method of claim 1, further comprising:

providing a plurality of radio frequencies on a display of the mobile communication device, each radio frequency being associated with a geographical zone from which a plurality of video feeds associated with the geographic zone are sourced;

monitoring a selection of a radio frequency of the plurality of radio frequencies by the user; and

identifying the at least one video feed by selecting the at least one video feed from the video feeds associated with the geographic zone.

8. (Previously Presented) The method of claim 1, further comprising:

monitoring an audio signal generated in proximity to a video camera providing a first video feed included in the identified at least one video feed;

processing the audio signal to identify an audio event; and

based on the identified audio event, providing access to the first video feed to a plurality of mobile communication devices in a group of mobile communication devices, the group of mobile communication devices including the mobile communication device of the user corresponding to the selection of the communication channel.

9. (Original) The method of claim 1, wherein the communication channel is associated with a Virtual Talk Group (VTG).

10. (Original) The method of claim 1, wherein providing access to the video feeds depends on a video association policy.

11. (Previously Presented) The method of claim 10, wherein the video association policy includes a role of the user defined in a policy database.

12. (Previously Presented) The method of claim 1, further comprising:

identifying a geographical location of the user's mobile communication device using a Global Positioning System;

identifying that the at least one video feed is associated with the geographical location;

associating the at least one video feed with other mobile communication devices set to the same channel as the user's mobile communication device; and

automatically rendering access to the at least one video feed to the other mobile communication devices.

13. (Previously Presented) An apparatus, comprising:

at least one processor; and

a memory in communication with the at least one processor, the memory being configured to store a video stream association module executable by the at least one processor, and the video stream association module being executed by the at least one processor to cause operations to be performed, the operations comprising:

monitoring a selection of a communication channel by a user of a mobile communication device;

identifying at least one video feed associated with the selected communication channel based on a user policy that identifies one or more video feeds that are relevant to the user when the user accesses the selected communication channel, the one or more video feeds being independent of the selected communication channel; and

providing access to the identified at least one video feed to the mobile communication device based on the user policy.

14. (Previously Presented) The apparatus of claim 13, wherein providing access comprises associating the identified at least one video feed with the mobile communication device in a database that is used to manage access to independent video feeds in a network based on audio communication channels that are selected by communication devices in the network.

15. (Previously Presented) The apparatus of claim 13, wherein the operations further comprise:

accessing a database to identify a plurality of members of an emergency response team that includes the user of the mobile communication device; and

presenting a plurality of available video feeds on a display of the mobile communication device, the plurality of available video feeds including video streams associated with the plurality of members of the emergency response team.

16. (Original) The apparatus of claim 15, wherein the available video feeds are sourced from a group of surveillance cameras.

17. (Original) The apparatus of claim 13, wherein the communication channel is a Push-To-Talk (PTT) channel in a PTT communication network and the mobile communication device is a PTT radio.

18. (Previously Presented) The apparatus of claim 13, wherein the operations further comprise:

accessing a database to identify a group of video feeds associated with the user; and

when the user selects the communication channel, providing access to the group of video feeds associated with the user to one or more other users of the communication channel.

19. (Previously Presented) The apparatus of claim 13, wherein the operations further comprise:

providing a plurality of radio frequencies on a display of the mobile communication device, each radio frequency being associated with a geographical zone from which a plurality of video feeds associated with the geographic zone are sourced;

monitoring selection of a radio frequency of the plurality of radio frequencies by the user; and

identifying the at least one video feed by selecting the at least one video feed from the video feeds associated with the geographic zone.

20. (Previously Presented) The apparatus of claim 13, wherein the operations further comprise:

monitoring an audio signal generated in proximity to a video camera providing a first video feed included in the identified at least one video feed;

processing the audio signal to identify an audio event; and

based on the identified audio event, providing access to the first video feed to a plurality of mobile communication devices in a group of mobile communication devices, the group of mobile communication devices including the mobile communication device of the user corresponding to the selection of the communication channel.

21. (Original) The apparatus of claim 13, wherein the communication channel is associated with a Virtual Talk Group (VTG).

22. (Original) The apparatus of claim 13, wherein providing access to the video feed depends on a video association policy, the video association policy including a role of the user defined in a policy database.

23. (Previously Presented) The apparatus of claim 13, wherein the operations further comprise:

identifying a geographical location of the user's mobile communication device using a Global Positioning System;

identifying that the at least one video feed is associated with the geographical location;

associating the at least one video feed with other mobile communication devices set to the same channel as the user's mobile communication device; and

automatically rendering access to the at least one video feed to the other mobile communication devices.

24. (Previously Presented) An apparatus comprising:

a monitor module to monitor a selection of an audio communication channel by a user of a mobile communication device;

a channel identifier module to identify at least one video feed associated with the selected audio communication channel based on a user policy that identifies one or more video feeds that are relevant to the user when the user accesses the selected audio communication channel, the one or more video feeds being independent of the selected communication channel; and

means for providing access to the identified at least one video feed to the mobile communication device based on the user policy.

25. (Previously Presented) The method of claim 1, wherein the selected communication channel is a selected audio communication channel that is selected from a plurality of audio communication channels, the at least one video feed being associated with the selected audio communication channel, and the user policy identifying the one or more video feeds that are relevant to the user when the user accesses the selected audio communication channel.

26. (Previously Presented) The method of claim 1, wherein the user policy associates the at least one video feed with the selected communication channel based on a geographic zone from which the at least one video feed is sourced and a device group that includes the user's communication device.

27. (Previously Presented) The method of claim 1, wherein the user policy associates the at least one video feed with the selected communication channel by comparing a first geographic zone from which the at least one video feed is sourced with a second geographic zone corresponding to a location of the user's communication device

REMARKS

This responds to the Office Action dated February 24, 2014.

Claims 1-25 are pending in the present application. No claims are amended in this reply. Applicant respectfully submits that these claims are allowable.

Interview Summary

Applicant thanks Examiner Amy Hsu for the courtesy of a telephone interview on May 21, 2014, with Applicant's representative Robert E. Scheid. The rejection of claim 1 based on Shaffer and Kalley was discussed including the relevance of Shaffer for limitations related to *"providing access to the identified at least one video feed"* and the relevance of Kalley for limitations related to *"a selection of a communication channel."* No agreement was reached.

The Rejection of Claims Under § 103

First Rejection

Claims 1-2, 8, 13-14,20,24-27 are rejected under 35 U.S.C. 103(a) as being unpatentable over Shaffer et al. (US 2008/0108339) in view of Kalley et al. (US 2007/0270172). Applicant respectfully traverses this rejection.

With respect to independent claim 1, the cited references do not disclose or suggest

> *"**monitoring a selection of a communication channel** by a user of a mobile communication device;*
>
> ***identifying at least one video feed associated with the selected communication channel** based on a user policy that identifies one or more video feeds that are relevant to the user **when the user accesses the selected communication channel**, the one or more video feeds being independent of the selected communication channel."*

With reference to limitations related to *"a selection of a communication channel"* and *"the selected communication channel,"* the Examiner has cited Kalley at paragraph 103 and argued: "Kalley teaches a similar method with users in a talk group that may communication,

and teaches in paragraph 103 that the user may select the virtual talk group or communication channel."[1] Two points should be emphasized.

First, the cited portion of Kalley discloses "when a user selects a **virtual talk group**"[2] and not *"a selection of a **communication channel**"* as claimed. Although this portion of Kalley does disclose "as the selecting user selects certain options, other options may become non-selectable because of the additional resources needed by the selected options,"[3] there is no disclosure for *"a selection of a communication channel."*

Second, the Examiner has identified the concept of selecting a virtual talk group (or communication channel) in isolation while ignoring limitations that relate *"monitoring a **selection of a communication channel**"* with "*identifying at least one video feed associated with **the selected communication channel**"* and *"when the user accesses **the selected communication channel**."* These limitations are not disclosed or suggested by Kalley, which merely discloses "when a user selects a virtual talk group."[4] Likewise, these limitations are not disclosed or suggested by Shaffer, which merely discloses operations related to "if a virtual talk group should be created for the event."[5]

Further, with respect to claim 1, the cited references do not disclose or suggest *"providing access to the identified at least one video feed to the mobile communication device based on the user policy."* The Examiner has cited Shaffer at paragraph 28 and argued that "the **video feed is provided to the devices 110** based on user policy as taught in paragraph 28."[6] Two points should be emphasized.

First, Shaffer merely discloses "In one particular embodiment, surveillance information is determined from a surveillance system. The **surveillance information provides information on an event being monitored** by the surveillance system. It is determined if a virtual talk group

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[1] Office Action, p. 3.

[2] Kalley, par. 103, emphasis added.

[3] Kalley, par. 103.

[4] Kalley, par. 103.

[5] Shaffer, Abstract.

[6] Office Action, p. 3, emphasis added.

should be created for the event. If so, **the virtual talk group is created such that a plurality of users in the virtual talk group can communicate with each other in the virtual talk group**."[7] Although Shaffer discloses the use of video feeds to create virtual talk groups, Shaffer does not disclose or suggest *"providing access to the identified at least one video feed to the mobile communication device based on the user policy."*

Second, Shaffer does not suggest a modification to include these limitations, and any such modification would entail a substantial redesign of the system disclosed by Shaffer. As disclosed by Figure 2 of Shaffer, "Video information receiver 202 receives the video information from cameras 106,"[8] and "Video analyzer 204 is configured to analyze the video information, such as video signals and generates the relevant object related information."[9] The results from the video analyzer 204 are implemented at the VTG set-up determiner 208 and the announcement server 210. "In one example, the message may be: 'Please pay attention to the gentleman wearing the blue hat who is carrying a green backpack. If he attempts to pass the backpack to someone else, please stop both subjects.'"[10] The modification proposed by the Examiner would require additional structures not disclosed or suggested by Shaffer. Likewise, this modification is not disclosed or suggested by Kalley, which merely discloses "when a user selects a virtual talk group."[11] In the present case, the Examiner has not demonstrated a motivation to combine or modify the cited references to support a rejection under 35 U.S.C. § 103.[12]

Because these limitations are not disclosed or suggested by a combination of the cited references, claim 1 is allowable over the cited references. Because they depend directly or indirectly from claim 1, claims 2-12 and 25-27 are likewise allowable over the cited references.

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[7] Shaffer, par. 7, emphasis added.

[8] Shaffer, par. 23.

[9] Shaffer, par. 24.

[10] Shaffer, par. 30.

[11] Kalley, par. 103.

[12] MPEP 2141.

Further, with respect to claim 2, the cited references do not disclose or suggest *"associating the identified at least one video feed with the mobile communication device in a database that is used to manage access to independent video feeds in a network based on audio communication channels that are selected by communication devices in the network."* The Examiner has cited Shaffer and argued "the system of Figure 1 and paragraph 17 teaches that **certain users are allowed access to a talk group or communication channel and relevant video feed**, in this case according to zones, may be accessed by said users."[13] However as discussed above Shaffer merely discloses the use of video feeds to create virtual talk groups and not *"a database that is used to manage access to independent video feeds in a network based on audio communication channels that are selected by communication devices in the network."*

Independent claim 13 recites *"monitoring a selection of a communication channel by a user of a mobile communication device; identifying at least one video feed associated with the selected communication channel based on a user policy that identifies one or more video feeds that are relevant to the user when the user accesses the selected communication channel, the one or more video feeds being independent of the selected communication channel."* As discussed above with respect to claim 1, these limitations are not disclosed or suggested by a combination of the cited references. Therefore, claim 13 is allowable over the cited references. Because they depend directly or indirectly from claim 13, claims 14-23 are likewise allowable over the cited reference.

Independent claim 24 recites *"a monitor module to monitor a selection of an audio communication channel by a user of a mobile communication device; a channel identifier module to identify at least one video feed associated with the selected audio communication channel based on a user policy that identifies one or more video feeds that are relevant to the user when the user accesses the selected audio communication channel, the one or more video feeds being independent of the selected communication channel."* As discussed above with respect to claim 1, these limitations are not disclosed or suggested by a combination of the cited references. Therefore, claim 24 is allowable over the cited references.

Second Rejection

[13] Office Action, p. 2, emphasis added.

Claims 3-4, 6, 15-16, 18 rejected under 35 U.S.C. 103(a) as being unpatentable over Shaffer et al. (US 2008/0108339) in view of Kalley et al. (US 2007/0270172) in view of Siemens (US 2005/0232352).

As discussed above, each of these claims is allowable at least because its independent base claim is allowable.

Further, with respect to claim 3, the cited references do not disclose or suggest

Third Rejection

Claims 5, 9, 17, 21 rejected under 35 U.S.C. 103(a) as being unpatentable over Shaffer et al. (US 2008/0108339) in view of Kalley et al. (US 2007/0270172) in view of Rengaraju et al. (US 2006/0293073).

As discussed above, each of these claims is allowable at least because its independent base claim is allowable.

Fourth Rejection

Claims 10-11, 22 rejected under 35 U.S.C. 103(a) as being unpatentable over Shaffer et al. (US 2008/0108339) in view of Kalley et al. (US 2007/0270172) in view of Manrao et al. (US 7864716).

As discussed above, each of these claims is allowable at least because its independent base claim is allowable.

Fifth Rejection

Claims 7, 12, 19, 23 rejected under 35 U.S.C. 103(a) as being unpatentable over Shaffer et al. (US 2008/0108339) in view of Kalley et al. (US 2007/0270172) further in view of Winter et al. (US 2007/0015518).

As discussed above, each of these claims is allowable at least because its independent base claim is allowable.

Further, with respect to claim 7, the cited references do not disclose or suggest *"providing a plurality of radio frequencies on a display of the mobile communication device, each radio frequency being associated with a geographical zone from which a plurality of video feeds associated with the geographic zone are sourced; monitoring a selection of a radio frequency of the plurality of radio frequencies by the user; and identifying the at least one video*

feed by selecting the at least one video feed from the video feeds associated with the geographic zone." The Examiner has cited Winter at Figure 2 and argued "Winter teaches in Fig. 2 teaches radio frequency for certain geographic area and **determining customer location**."[14] However, the Examiner has ignored limitations including *"providing a plurality of radio frequencies on a display of the mobile communication device,* ***each radio frequency being associated with a geographical zone from which a plurality of video feeds associated with the geographic zone are sourced****."*

Further, with respect to claim 12, the cited references do not disclose or suggest "*identifying a geographical location of the user's mobile communication device using a Global Positioning System; identifying that the at least one video feed is associated with the geographical location; associating the at least one video feed with other mobile communication devices set to the same channel as the user's mobile communication device; and automatically rendering access to the at least one video feed to the other mobile communication devices."* The Examiner has cited Winter at Figure 2 and argued "Winter also teaches **determining physical location by monitoring GPS signal** of a communication device and providing data accordingly."[15] However, the Examiner has ignored limitations including *"associating the at least one video feed with* ***other mobile communication devices set to the same channel*** *as the user's mobile communication device; and automatically rendering* ***access to the at least one video feed to the other mobile communication devices****."*

<u>*Conclusion*</u>

Applicant respectfully requests that the above-cited rejections under 35 U.S.C. § 103(a) be withdrawn.

Applicant submits that these claims are distinguishable over the cited references and all references of record.

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[14] Office Action, p. 10, emphasis added.

[15] Office Action, p. 11, emphasis added.

CONCLUSION

Applicant respectfully submits that the claims are in condition for allowance, and notification to that effect is earnestly requested. The Examiner is invited to telephone Applicant's representative at (408) 278-4053 to facilitate prosecution of this application.

If necessary, please charge any additional fees or deficiencies, or credit any overpayments to Deposit Account No. 19-0743.

Respectfully submitted,

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Date May 21, 2014 By /Robert E. Scheid/

Robert E. Scheid
Reg. No. 42,126

Electronic Acknowledgement Receipt

EFS ID:	19093050
Application Number:	12188982
International Application Number:	
Confirmation Number:	6073
Title of Invention:	ACCESS TO VIDEO STREAMS ON MOBILE COMMUNICATION DEVICES
First Named Inventor/Applicant Name:	Shmuel Shaffer
Customer Number:	21186
Filer:	Maryanne Elizabeth DeAngelo
Filer Authorized By:	
Attorney Docket Number:	1370.252US1
Receipt Date:	21-MAY-2014
Filing Date:	08-AUG-2008
Time Stamp:	15:30:47
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		1370-252US1_RESPONSE_FILED_2014-05-21.pdf	276911 5542caf424d3ee31a348842e9bb98daf40bddfde	yes	16

	Multipart Description/PDF files in .zip description		
	Document Description	**Start**	**End**
	Miscellaneous Incoming Letter	1	1
	Amendment/Req. Reconsideration-After Non-Final Reject	2	2
	Claims	3	9
	Applicant Arguments/Remarks Made in an Amendment	10	16
Warnings:			
Information:			
	Total Files Size (in bytes):	276911	

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<u>New Applications Under 35 U.S.C. 111</u>
If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

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

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

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Shmuel Shaffer et al.
Title: ACCESS TO VIDEO STREAMS ON MOBILE COMMUNICATION DEVICES

Docket No.:	1370.252US1	Serial No.:	12/188,982
Filed:	August 8, 2008	Due Date:	May 24, 2014
Examiner:	Amy Hsu	Group Art Unit:	2664
Customer No.:	21123	Confirmation No.:	6073

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

We are transmitting herewith the following attached items (as indicated with an "X"):

X Amendment and Response under 37 C.F.R. § 1.111 (15 pgs.)

If not provided for in a separate paper filed herewith, please consider this a PETITION FOR EXTENSION OF TIME for sufficient number of months to enter these papers and please charge any additional fees or credit overpayment to Deposit Account No. 19-0743.

SCHWEGMAN, LUNDBERG & WOESSNER, P.A.
Customer No.: 21123

By: /Robert E. Scheid/
Robert E. Scheid
Reg. No. 42,126

PTO/SB/06 (09-11)
Approved for use through 1/31/2014. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
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PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875	Application or Docket Number 12/188,982	Filing Date 08/08/2008	☐ To be Mailed

ENTITY: ☒ LARGE ☐ SMALL ☐ MICRO

APPLICATION AS FILED – PART I

	(Column 1)	(Column 2)		
FOR	NUMBER FILED	NUMBER EXTRA	RATE ($)	FEE ($)
☒ BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A	**310**
☐ SEARCH FEE (37 CFR 1.16(k), (i), or (m))	N/A	N/A	N/A	
☐ EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A	
TOTAL CLAIMS (37 CFR 1.16(i))	minus 20 =	*	X $ =	
INDEPENDENT CLAIMS (37 CFR 1.16(h))	minus 3 =	*	X $ =	
☐ 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	**310**

APPLICATION AS AMENDED – PART II

AMENDMENT	05/21/2014	(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	RATE ($)	ADDITIONAL FEE ($)
	Total (37 CFR 1.16(i))	* 27	Minus	** 27	= 0	X $80 =	0
	Independent (37 CFR 1.16(h))	* 3	Minus	***4	= 0	X $420 =	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) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	RATE ($)	ADDITIONAL FEE ($)
	Total (37 CFR 1.16(i))	*	Minus	**	=	X $ =	
	Independent (37 CFR 1.16(h))	*	Minus	***	=	X $ =	
	☐ 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.
** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".
*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".
The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

LIE
/GLORIA TRAMMELL/

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**
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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
12/188,982	08/08/2008	Shmuel Shaffer	1370.252US1	6073

21186 7590 02/24/2014
SCHWEGMAN, LUNDBERG & WOESSNER, P.A.
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MINNEAPOLIS, MN 55402

EXAMINER	
HSU, AMY R	
ART UNIT	PAPER NUMBER
2664	

NOTIFICATION DATE	DELIVERY MODE
02/24/2014	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):

uspto@slwip.com
SLW@blackhillsip.com

Office Action Summary	Application No. 12/188,982	Applicant(s) SHAFFER ET AL.	
	Examiner AMY HSU	Art Unit 2664	AIA (First Inventor to File) Status No

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

Period for Reply

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

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

Status

1)☒ Responsive to communication(s) filed on *12/31/12*.

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

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

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

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

Disposition of Claims*

5)☒ Claim(s) *1-27* is/are pending in the application.

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

6)☐ Claim(s) _____ is/are allowed.

7)☒ Claim(s) *1-27* is/are rejected.

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

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

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

Application Papers

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

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

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

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

Priority under 35 U.S.C. § 119

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

Certified copies:

a)☐ All b)☐ Some** c)☐ None of the:

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

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

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

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

Attachment(s)

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

2) ☐ Information Disclosure Statement(s) (PTO/SB/08a and/or PTO/SB/08b) Paper No(s)/Mail Date _____.

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

4) ☐ Other: _____.

DETAILED ACTION

Continued Examination Under 37 CFR 1.114

1. 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 12/31/2012 has been entered.

Response to Arguments

2. Applicant's arguments with respect to claims 1-25 have been considered but are moot because the arguments do not apply to any of the references being used in the current rejection.

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

4. Claims 1-2, 8, 13-14, 20, 24-27 are rejected under 35 U.S.C. 103(a) as being unpatentable over Schaffer et al. (US 2008/0108339) in view of Kalley et al. (US 2007/0270172).

Regarding Claim 1, Schaffer teaches a method comprising: a communication channel that may be accessed by mobile communication devices (*Figure 1 shows a talk group which is a communication channel that may be accessed by the devices mobile devices 110)* identifying at least one video feed associated with the selected communication channel based on a user policy that identifies one or more video feeds that are relevant to the user when the user accesses a communication channel the one or more video feeds being independent of the selected communication channel (*paragraph 13 teaches the controllers 108 and 112 direct relevant video feeds to the users of the communication channel or talk group)*; and providing access to the mobile communication device based on the user policy (*the video feed is provided to the devices 110 based on user policy as taught in paragraph 28)*. However Shaffer teaches the communication channel includes certain users of mobile communication devices 110, and does not teach the user selecting the communication channel or talk group. One of ordinary skill in the art recognizes that in a talk group, which is a group of users that are able to communicate with one another, the group may be selected in many ways including automatically or without user interaction as taught by Schaffer, or also by allowing user interaction, to allow for flexibility in various situations as opposed to relying on a computer or algorithm to predict accurately which users should be included in the group. It is well known for a user to select a virtual talk group. Kalley teaches a similar method with users in a talk group that may communication, and teaches in paragraph 103 that the user may select the virtual talk group or communication channel. It would have been obvious to one of ordinary skill in the art at the time of the invention

to modify the teaching of Schaffer with that of Kalley to realize allowing the user to select a talk group and once the user is allowed to access, the allow that user access to the relevant video feeds. Allowing for user interaction instead of limiting to an automatic or computer based selection of members of a talk group is advantageous to allow flexibility in different or unpredictable types of emergency or law enforcement situations.

Regarding Claim 2, Shaffer in view of Kalley teach the method of claim 1, wherein providing access comprises associating the identified at least one video feed with the mobile communication device in a database that is used to manage access to independent video feeds in a network (*the system of Figure 1 and paragraph 17 teaches that certain users are allowed access to a talk group or communication channel and relevant video feed, in this case according to zones, may be accessed by said users)* based on audio communication channels (*paragraph 11 teaches audio communication channels)* that are selected by communication devices in the network (*claim 1 addresses the ability to select a communication channel by the communication devices)*.

Regarding Claim 8, Shaffer in of Kalley teach the method of claim 1, further comprising monitoring an audio signal generated in proximity to a video camera providing a first video feed included in the identified at least on video feed (*paragraph 11 teaches the video feed may include audio data)*; processing the audio signal to identify an audio event; and based on the identified audio event (*paragraph 19 teaches that video analytics algorithms may detect certain events based on the camera data,*

and paragraph 11 teaches that the camera data includes audio data), providing access to the first video feed to a plurality of mobile communication devices in a group of mobile communication devices (*Schaffer teaches that relevant data associated with the detected event may be accessed by the talk group)*, the group of mobile communication devices including the mobile communication device of the user corresponding to the selection of the communication channel (*Claim 1 addresses a user's ability to select a communication channel)*.

Claims 13-14, 24 are rejected similarly and claim 20 is rejected similarly to claim 8.

Regarding Claim 25, Schaffer in view of Kalley teach the method of claim 1, wherein the selected communication channel is a selected audio communication channel that is selected from a plurality of audio communication channels, the at least one video feed being associated with the selected audio communication channel (*paragraph 11 teaches the channel can be an audio channel)*, and the user policy identifying the one or more video feeds that are relevant to the user when the user accesses the selected audio communication channel (*as addressed with claim 1)*.

Regarding Claim 26, Schaffer in view of Kalley teaches the method of claim 1, wherein the user policy associates the at least one video feed with the selected communication channel based on a geographic zone from which the at least one video feed is sourced and a device group that includes the user's communication device (*Schaffer teaches Figure 1 that the video feed is associated with the communication*

channel based on a geographic zone from which the video is sourced, for example video feed from camera 106-1 is associated with the geographic zone 1, and paragraph 17 teaches a device group; further claim 1 addresses the user's ability to select a communication channel).

Regarding Claim 27, Schaffer in view of Kalley teach the method of claim l, wherein the user policy associates the at least one video feed with the selected communication channel by comparing a first geographic zone from which the at least one video feed is sourced with a second geographic zone corresponding to a location of the user's communication device (*paragraph 42 of Schaffer teaches comparing a geographic zone with the geographic zone corresponding the user's mobile device to find out which users are closest to a certain event location)*

5. Claims 3-4, 6, 15-16, 18 rejected under 35 U.S.C. 103(a) as being unpatentable over Schaffer et al. (US 2008/0108339) in view of Kalley et al. (US 2007/0270172) in view of Siemens (US 2005/0232352).

Regarding Claim 3, Schaffer in view of Kalley teach the method of claim 1, and teaches that the method may apply to situations that may involve an intruder with a gun (*paragraph 42)* but does not teach accessing a database to identify a plurality of members of an emergency response team that includes the user of the mobile communication device; and presenting a plurality of available video feeds on a display of the mobile communication device, the plurality of available video feeds including video streams associated with the plurality of members of the emergency response

team. However, it is well known to use a video communication system for the purpose of emergency response such as to police patrol cars as taught in Siemens. In Fig. 4, Siemens teaches a database identifying patrol cars, 452,454, 456, and 458. The monitor 170 also displays available video feeds and the feeds correspond to video streams from 4 police cars. One of ordinary skill in the art would realize the invention taught by Schaffer which allows a mobile user to select channels with the capability of Siemens to have video associated with different police cars and to combine such that mobile users may select video associated with different police cars. It is readily foreseen that a user wishes to select video based on particulars of the video such as location of the video or who shot the video. Thus given the two teachings, it would be obvious to realize allowing a user to select video based on the police car that the video came from. It would have been obvious to one of ordinary skill in the art at the time of the invention to modify the teaching of Schaffer in view of Kalley with that of Siemens to realize the use of video communication via channels corresponding to different video feeds in the area of emergency response such as among a police department. This would be obvious because police activity and other emergency response activity benefits from video communication for various reasons like evidence gathering or spreading critical information quickly.

Regarding Claim 4, Schaffer in view of Kalley teach the method of claim 3, wherein the available video feeds are sourced from a group of surveillance cameras (*as taught by Schaffer in paragraph 13)*.

Claim 6 is rejected similarly to claim 3 where Schaffer in view of Kalley teach allowing a user to select a channel associated with a video and Siemens teaches in Fig. 4 a database to identify a set of video with a certain user. Similar to the rationale of claim 3, it would have been obvious to one of ordinary skill in the art at the time of the invention to combine Schaffer in view of Kalley with Siemens to realize allowing a mobile user to select and receive video based on the user that captured the video.

Claims 15-16, 18 are rejected similarly to claims 3-4, 6.

6. Claims 5, 9, 17, 21 rejected under 35 U.S.C. 103(a) as being unpatentable over Schaffer et al. (US 2008/0108339) in view of Kalley et al. (US 2007/0270172) in view of Rengaraju et al. (US 2006/0293073).

Regarding Claim 5, Schaffer in view of Kalley teach the method of claim 1, but does not teach the communication channel is a Push-To-Talk (PTT) channel in a PTT communication network and the mobile communication device is a PTT radio. One of ordinary skill in the art recognizes PTT as a widely used type of communication device where the advantage is initiate and send data with just a push of a key. Rengaraju teaches use of such device in video communication in paragraph 30 with push to video or push to talk device and system. It would have been obvious to one of ordinary skill in the art at the time of the invention to modify the teaching of Schaffer in view of Kalley with that of Rengaraju to realize push to talk device in video communication system in order to decrease the time to initiate and send data.

Regarding Claim 9, Schaffer in view of Kalley teach the method of claim 1, but does not teach the communication channel is associated with a Virtual Talk Group (VTG). Renegaraju further teaches push to talk to communicate with a talk group with a push of a key, in paragraph 30. It would have been obvious to one of ordinary skill in the art at the time of the invention to modify the teaching of Schaffer in view of Kalley with Renegaraju similar to claim 5.

Claims 17, 21 are rejected similarly to claim 5, 9.

7. Claims 10-11, 22 rejected under 35 U.S.C. 103(a) as being unpatentable over Schaffer et al. (US 2008/0108339) in view of Kalley et al. (US 2007/0270172) in view of Manrao et al. (US 7864716).

Regarding Claims 10-11, Schaffer in view of Kalley teach the method of claim 1, but does not teach wherein providing access to the video feeds depends on a video association policy which includes role of the user defined in a policy database. Such policies are well known in talk group management as taught by Manrao with one example in Figure 8a-8b. It would have been obvious to one of ordinary skill in the art at the time of the invention to modify the teaching of Schaffer in view of Kalley with that of Manrao to implement database policy or protocol for effective management of the communication system.

Claim 22 is rejected similarly.

8. Claims 7, 12, 19, 23 rejected under 35 U.S.C. 103(a) as being unpatentable over Schaffer et al. (US 2008/0108339) in view of Kalley et al. (US 2007/0270172) further in view of Winter et al. (US 2007/0015518).

Regarding Claim 7, Schaffer in view of Kalley teach the method of claim 1, and teaches in figure 1 geographic zones from which video feeds are associated, for example video feeds from camera 106-1 are from zone 1 and a video feed may be identified by the geographic zone it is from, but does not teach a plurality of radio frequencies on a display of the mobile communication device, each associated with a geographical zone; monitoring selection of a radio frequency of the plurality of radio frequencies by the user; and providing access to a plurality of video feeds associated with the geographical zone. Winter teaches in Fig. 2 teaches radio frequency for certain geographic area and determining customer location. It would have been obvious to one of ordinary skill in the art at the time of the invention to modify the teaching of Schaffer in view of Kalley with that of Winter to realize monitoring radio frequency to determine geographic zone and providing data accordingly in order to provide specifically relevant data to a user based on location.

Claim 19 is rejected similarly.

Regarding Claim 12, Schaffer in view of Kalley teach the method of claim 1, and Schaffer teaches identifying a geographical location of the user's mobile communication device using a GPS (*paragraph 26)* but does not teach identifying that the at least one video feed is associated with the geographical location; associating the

at least one video feed with other mobile communication devices set to the same channel as the user's mobile communication device; and automatically rendering access to the at least one video feed to the other mobile communication devices. Winter also teaches determining physical location by monitoring GPS signal of a communication device and providing data accordingly. It would have been obvious to one of ordinary skill in the art at the time of the invention to modify the teaching of Schaffer in view of Kalley with that of Winter to realize transmission of video signals based on GPS location to receive relevant data based on location.

Claim 23 is rejected similarly.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to AMY HSU whose telephone number is (571)270-3012. The examiner can normally be reached on M-F 8am-6pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lin Ye can be reached on 571-272-7372. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/LIN YE/
Supervisory Patent Examiner,
Art Unit 2664

Notice of References Cited	Application/Control No. 12/188,982	Applicant(s)/Patent Under Reexamination SHAFFER ET AL.	
	Examiner AMY HSU	Art Unit 2664	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A	US-2002/0137462 A1	09-2002	Rankin, Paul J.	455/41
*	B	US-2005/0232352 A1	10-2005	Siemens et al.	375/240.12
*	C	US-2006/0293073 A1	12-2006	Rengaraju et al.	455/518
*	D	US-2007/0015518 A1	01-2007	Winter et al.	455/456.1
*	E	US-2007/0270172 A1	11-2007	Kalley et al.	455/518
*	F	US-2008/0036851 A1	02-2008	PATEL, Mehul B.	348/21
*	G	US-2008/0108339 A1	05-2008	Shaffer et al.	455/416
*	H	US-7,499,719 B2	03-2009	Rengaraju et al.	455/518
*	I	US-2009/0082038 A1	03-2009	McKiou et al.	455/456.6
*	J	US-7,783,316 B1	08-2010	Mitchell, James P.	455/521
*	K	US-7,864,716 B1	01-2011	Manroa et al.	370/260
	L	US-			
	M	US-			

FOREIGN PATENT DOCUMENTS

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

NON-PATENT DOCUMENTS

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

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

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	1	"20080108339" and policy	US-PGPUB; USPAT	OR	OFF	2014/02/10 21:13
L3	0	"20080108339" and police	US-PGPUB; USPAT	OR	OFF	2014/02/10 21:33
L4	1	"20080108339"	US-PGPUB; USPAT	OR	OFF	2014/02/10 21:33
L5	1	"20080108339" and gun	US-PGPUB; USPAT	OR	OFF	2014/02/10 21:33
L6	0	"20080108339" and analyz$4 same audio same event	US-PGPUB; USPAT	OR	OFF	2014/02/10 21:45
L7	0	"20080108339" and analyz$4 same event	US-PGPUB; USPAT	OR	OFF	2014/02/10 21:45
L8	1	"20080108339" and event	US-PGPUB; USPAT	OR	OFF	2014/02/10 21:45
L9	0	"20080108339" and event same audio	US-PGPUB; USPAT	OR	OFF	2014/02/10 21:45
S1	11	"188982".ap.	US-PGPUB; USPAT	OR	OFF	2012/01/11 14:49
S2	309225	"348".clas. or "455".clas.	US-PGPUB; USPAT	OR	OFF	2012/01/11 14:50
S3	1625	S2 and (select$4 same user same (communication near3 channel$1))	US-PGPUB; USPAT	OR	OFF	2012/01/11 14:50
S4	244	S2 and (select$4 near7 user near7 (communication near3 channel$1))	US-PGPUB; USPAT	OR	OFF	2012/01/11 14:51
S5	15	S2 and (select$4 near7 user near7 (communication near3 channel$1)) same video	US-PGPUB; USPAT	OR	OFF	2012/01/11 14:51
S6	15	S2 and (select$4 near7 user near7 (communication near3 channel$1)) same video and video	US-PGPUB; USPAT	OR	OFF	2012/01/11 14:52
S7	15	S2 and (select$4 near7 user near7 (communication near3 channel$1)) same video and (video same channel$1)	US-PGPUB; USPAT	OR	OFF	2012/01/11 14:52
S8	5	S2 and (select$4 near7 user near7 (communication near3 channel$1)) same	US-PGPUB;	OR	OFF	2012/01/11 14:55

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		video and (video same channel$1) and push$4	USPAT			
S9	2	"20060293073" and (select$4 near3 channel$1)	US-PGPUB; USPAT	OR	OFF	2012/01/11 14:57
S10	3	S6 and talk	US-PGPUB; USPAT	OR	OFF	2012/01/11 14:58
S11	0	"20080036851" and ppt	US-PGPUB; USPAT	OR	OFF	2012/01/11 14:59
S12	0	"20080036851" and talk	US-PGPUB; USPAT	OR	OFF	2012/01/11 14:59
S13	2	"20080036851" and phone	US-PGPUB; USPAT	OR	OFF	2012/01/11 14:59
S14	1	"20100033580" and ppt	US-PGPUB; USPAT	OR	OFF	2012/01/11 15:00
S15	1	"20100033580" and push$4	US-PGPUB; USPAT	OR	OFF	2012/01/11 15:01
S16	107	((pushtotalk) ppt (push$4 adj2 talk)) same channel$1 same video	US-PGPUB; USPAT	OR	OFF	2012/01/11 15:02
S17	14	((pushtotalk) ppt (push$4 adj2 talk)) same channel$1 same video and (user near3 select$4 near5 channel$1)	US-PGPUB; USPAT	OR	OFF	2012/01/11 15:03
S18	0	"20100033580" and subscription	US-PGPUB; USPAT	OR	OFF	2012/01/11 15:05
S19	1	"20100033580" and (user near2 policy)	US-PGPUB; USPAT	OR	OFF	2012/01/11 15:05
S20	1	"20100033580" and (policy)	US-PGPUB; USPAT	OR	OFF	2012/01/11 15:06
S21	2	"20060293073" and (user same channeL$2)	US-PGPUB; USPAT	OR	OFF	2012/01/11 15:13
S22	2	"20060293073" and (user near5 channeL$2)	US-PGPUB; USPAT	OR	OFF	2012/01/11 15:17
S23	1488	"20060293073" and ppt ptv	US-PGPUB; USPAT	OR	OFF	2012/01/11 15:19
S24	2	"20060293073" and (ppt ptv)	US-PGPUB; USPAT	OR	OFF	2012/01/11 15:19
S25	15	(ppt ptv) same (Emergency)	US-PGPUB; USPAT	OR	OFF	2012/01/11 15:21
S26	9	(ppt ptv) same (Emergency) and channel$1	US-PGPUB; USPAT	OR	OFF	2012/01/11 15:22
S27	7	(ppt ptv) same (Emergency) and	US-	OR	OFF	2012/01/11

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		channel$1 same select$4	PGPUB; USPAT			15:22
S28	5	(ppt ptv) same (Emergency) and channel$1 same select$4 same user$1	US-PGPUB; USPAT	OR	OFF	2012/01/11 15:22
S29	6	(ppt ptv) same (Emergency) and channel$1 same select$4 and user	US-PGPUB; USPAT	OR	OFF	2012/01/11 15:23
S30	1	"7783316".pn. and talk	US-PGPUB; USPAT	OR	OFF	2012/01/11 15:49
S31	0	"7783316".pn. and ptt	US-PGPUB; USPAT	OR	OFF	2012/01/11 15:49
S32	0	"20080036851" and policy	US-PGPUB; USPAT	OR	OFF	2012/01/11 16:44
S33	2	"20080036851" and user	US-PGPUB; USPAT	OR	OFF	2012/01/11 16:44
S34	2	"20080036851" and (service near3 provid$4)	US-PGPUB; USPAT	OR	OFF	2012/01/11 16:45
S35	1	"7783316".pn. and video	USPAT	OR	OFF	2012/01/11 16:48
S36	1	"7783316".pn. and database	USPAT	OR	OFF	2012/01/11 16:50
S37	1	"7783316".pn. and (mobile near2 client) near5 transmit$4	USPAT	OR	OFF	2012/01/11 16:55
S38	1	"7783316".pn. and (mobile near2 client) near5 transmit$4 same receiv$4	USPAT	OR	OFF	2012/01/11 16:57
S39	1	"7783316".pn. and (mobile near2 client) near5 video	USPAT	OR	OFF	2012/01/11 16:58
S40	2042	"348".clas. and ((public near2 safety) or police or (emergency near2 response))	US-PGPUB; USPAT	OR	OFF	2012/01/11 17:06
S41	46	"348".clas. and ((public near2 safety) or police or (emergency near2 response)) same video same channel	US-PGPUB; USPAT	OR	OFF	2012/01/11 17:06
S42	23	"348".clas. and ((public near2 safety) or police or (emergency near2 response)) same video same channel and database	US-PGPUB; USPAT	OR	OFF	2012/01/11 17:06
S43	0	"20060215024" and mobile	US-PGPUB; USPAT	OR	OFF	2012/01/11 17:10
S44	1	"20060215024"	US-PGPUB; USPAT	OR	OFF	2012/01/11 17:10
S45	1	"20060215024" and wireless	US-PGPUB; USPAT	OR	OFF	2012/01/11 17:10
S46	1	"20050232352" and channel	US-PGPUB; USPAT	OR	OFF	2012/01/11 17:14
S47	1	"20050232352" and database	US-PGPUB;	OR	OFF	2012/01/11 17:14

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			USPAT			
S48	1	"20050232352" and surveillance	US-PGPUB; USPAT	OR	OFF	2012/01/11 17:16
S49	0	"20050232352" and ppt	US-PGPUB; USPAT	OR	OFF	2012/01/11 17:17
S50	0	"20050232352" and push$4	US-PGPUB; USPAT	OR	OFF	2012/01/11 17:17
S51	5	(US-20080036851-$ or US-20060293073-$ or US-20050232352-$).did. or (US-7499719-$ or US-7783316-$).did.	US-PGPUB; USPAT	OR	OFF	2012/01/11 17:54
S52	3	S51 and (radio near2 frequenc$4)	US-PGPUB; USPAT	OR	OFF	2012/01/11 17:55
S53	500	"348".clas. and (database same user same video same channel)	US-PGPUB; USPAT	OR	OFF	2012/01/11 18:55
S54	40	"348".clas. and (database near10 user near10 video same channel)	US-PGPUB; USPAT	OR	OFF	2012/01/11 18:57
S55	3	"348".clas. and (database near10 user near10 video same (communication near3 channel))	US-PGPUB; USPAT	OR	OFF	2012/01/11 18:58
S56	1	"20050232352" and (file near2 system)	US-PGPUB; USPAT	OR	OFF	2012/01/11 19:00
S57	5	(US-20080036851-$ or US-20060293073-$ or US-20050232352-$).did. or (US-7499719-$ or US-7783316-$).did.	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:06
S58	0	S57 and (talk near2 group)	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:07
S59	4	S57 and (talk nsame group)	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:07
S60	2	S57 and (talk same group)	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:07
S61	309225	"348".clas. or "455".clas.	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:10
S62	187	S61 and (policy near2 database)	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:10
S63	80	S61 and (policy near2 database) same (user)	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:11
S64	1	"7864716".pn. and (policy same database same user)	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:16
S65	163131	"348".clas. or "455".clas. and (radio near2 frequenc$4) same (geographic$4)	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:17
S66	161012	"348".clas. or "455".clas. and (radio near2 frequenc$4) same associat$4 same	US-PGPUB;	OR	OFF	2012/01/11 20:18

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		(geographic$4)	USPAT			
S67	309225	"348".clas. or "455".clas.	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:18
S68	390	S67 and ((radio near2 frequenc$4) same associat$4 same (geographic$4))	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:18
S69	63	S67 and ((radio near2 frequenc$4) near5 associat$4 same (geographic$4))	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:18
S70	18	S67 and ((radio near2 frequenc$4) near5 associat$4 same (geographic$4)) same channel$4	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:18
S71	1	S67 and (video) same((radio near2 frequenc$4) near5 associat$4 same (geographic$4)) same channel$4	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:20
S72	5	(US-20080036851-$ or US-20060293073-$ or US-20050232352-$).did. or (US-7499719-$ or US-7783316-$).did.	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:20
S73	3	S72 and (radio near2 frequenc$4)	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:20
S74	0	S73 and (geographic$4)	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:20
S75	309225	"348".clas. or "455".clas.	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:21
S76	0	S75 and (video near10 associat$4 near10 geographic) same (radio near2 frequenc$4)	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:21
S77	30	S75 and (video near10 associat$4 near10 geographic)	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:21
S78	0	S75 and (video near10 associat$4 near10 geographic) same rf	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:21
S79	62	S75 and (video near10 associat$4 near10 geographic$4)	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:22
S80	5	S75 and (video near10 associat$4 near10 geographic$4) same radio	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:22
S81	65	S75 and (radio near2 frequenc$4) near5 associat$4 near5 (location geographic$4)	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:23
S82	72	S75 and (radio near2 frequenc$4) near5 associat$4 near5 (location geographic$4 region)	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:23
S83	74	S75 and (radio near2 frequenc$4) near5 associat$4 near5 (location geographic$4 region zone)	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:23
S84	74	S75 and (radio near2 frequenc$4) near5 associat$4 near5 (location geographic$4 region zone$1)	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:23
S85	8	S75 and (radio near2 frequenc$4) near5 associat$4 near5 (location geographic$4	US-PGPUB;	OR	OFF	2012/01/11 20:23

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		region zone$1) same video	USPAT			
S86	48	S75 and (radio near2 frequenc$4) near5 associat$4 near5 (location geographic$4 region zone$1) and video	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:24
S87	38	S75 and (rf) near5 associat$4 near5 (location geographic$4 region zone$1) and video	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:26
S88	131	S75 and (radio near2 frequenc$4) near5 (geographic$4 zone$1) and video	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:27
S89	6	S75 and (radio near2 frequenc$4) near5 (geographic$4 zone$1) same video	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:27
S90	3083	(radio near2 frequenc$4) near10 (geographic$4 zone$4)	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:30
S91	33	(radio near2 frequenc$4) near10 (geographic$4 zone$4) same video	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:30
S92	1	"7783316".pn. and radio	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:36
S93	0	"7783316".pn. and radio near3 frequenc$4	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:36
S94	1	"7783316".pn. and rf	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:36
S95	23	(radio near2 frequenc$4) near5 associat$4 near5 (geographic$4)	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:37
S96	14	(radio near2 frequenc$4) near5 associat$4 near5 (geographic$4) and video	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:37
S97	1	"20050232352" and (audio near3 event)	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:49
S98	7	(US-20080036851-$ or US-20060293073-$ or US-20050232352-$ or US-20070015518-$).did. or (US-7499719-$ or US-7783316-$ or US-7864716-$).did.	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:59
S99	3	S98 and gps	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:59
S100	2	S98 and gps same video	US-PGPUB; USPAT	OR	OFF	2012/01/11 21:05
S101	5	"348".clas. and (receiv$4 near5 video near5 based near5 gps)	US-PGPUB; USPAT	OR	OFF	2012/01/11 21:07
S102	2	"20060154156"	US-PGPUB; USPAT	OR	OFF	2012/01/13 16:39
S103	1	"12188982"	US-PGPUB; USPAT	OR	OFF	2012/08/22 14:35
S104	1	"12188982" and relevant	US-	OR	OFF	2012/08/22

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			PGPUB; USPAT			14:35
S105	2	"20080036851" and pertinent$4	US-PGPUB; USPAT	OR	OFF	2012/08/22 14:37
S106	2	"20080036851" and relevant$4	US-PGPUB; USPAT	OR	OFF	2012/08/22 14:38
S107	0	"20080036851" and interest$4	US-PGPUB; USPAT	OR	OFF	2012/08/22 14:38
S108	0	"20080036851" and preference$4	US-PGPUB; USPAT	OR	OFF	2012/08/22 14:38
S109	0	"455".clas. and (provid$4 near4 access$4 near4 relevant44)	USPAT	OR	OFF	2012/08/22 14:39
S110	25	"455".clas. and (provid$4 near4 access$4 near4 relevant$4)	USPAT	OR	OFF	2012/08/22 14:39
S111	0	"455".clas. and (provid$4 near4 access$4 near4 relevant$4) same video	USPAT	OR	OFF	2012/08/22 14:41
S112	25	"455".clas. and (provid$4 near4 access$4 near4 relevant$4)	USPAT	OR	OFF	2012/08/22 14:41
S113	0	"455".clas. and (provid$4 near4 access$4 near4 pertinent$4 near3 user)	USPAT	OR	OFF	2012/08/22 18:53
S114	0	"455".clas. and (provid$4 near4 access$4 near4 pertinent$4 near3 user)	US-PGPUB; USPAT	OR	OFF	2012/08/22 18:53
S115	3	"455".clas. and (provid$4 near4 access$4 same pertinent$4 near3 user)	US-PGPUB; USPAT	OR	OFF	2012/08/22 18:53
S116	30	"455".clas. and (provid$4 near4 access$4 same interest near3 user)	US-PGPUB; USPAT	OR	OFF	2012/08/22 18:54
S117	1	"455".clas. and (provid$4 near4 access$4 same interest near3 user) same video$4	US-PGPUB; USPAT	OR	OFF	2012/08/22 18:54
S118	3	"455".clas. and (access$4 near4 video same interest near3 user)	US-PGPUB; USPAT	OR	OFF	2012/08/22 19:01
S119	798	"455".clas. and (mobile same communication same channel same video)	US-PGPUB; USPAT	OR	OFF	2012/08/22 19:02
S120	82	"455".clas. and (mobile same communication same channel same video) and ((relevant interest preference) near2 user)	US-PGPUB; USPAT	OR	OFF	2012/08/22 19:02
S121	7	"455".clas. and (mobile same communication same channel same video) and ((relevant interest preference) near2 user) same video same (provid$4 access$4)	US-PGPUB; USPAT	OR	OFF	2012/08/22 19:02
S122	7	"455".clas. and (mobile same communication same channel same video) and ((relevant interest preference) near2 user) same video same (provid$4 access$4)	US-PGPUB; USPAT	OR	OFF	2012/08/22 23:18
S123	1	"455".clas. and (access$4 near3 video)	US-	OR	OFF	2012/08/22

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		same (interest near3 user)	PGPUB; USPAT			23:28
S124	18	"455".clas. and (mobile same communication same channel same video) and ((relevant interest preference) near2 user) same video	US-PGPUB; USPAT	OR	OFF	2012/08/22 23:36
S125	7	"455".clas. and (mobile same communication same channel same video) and ((relevant interest preference) near2 user) same video same (provid$4 access$4)	US-PGPUB; USPAT	OR	OFF	2012/08/22 23:36
S126	11	S124 not S125	US-PGPUB; USPAT	OR	OFF	2012/08/22 23:36
S127	1	"20090082038"	US-PGPUB; USPAT	OR	OFF	2012/08/22 23:45
S128	1	"20090082038" and private near3 channel$4	US-PGPUB; USPAT	OR	OFF	2012/08/22 23:46
S129	1	"20090082038" and private near3 channel$4 same video	US-PGPUB; USPAT	OR	OFF	2012/08/22 23:46
S130	1	"12188982"	US-PGPUB; USPAT	OR	OFF	2012/08/23 08:51
S131	0	"12188982" and (audio near4 channel)	US-PGPUB; USPAT	OR	OFF	2012/08/23 08:57
S132	0	"20080036851" and (audio near3 channel)	US-PGPUB; USPAT	OR	OFF	2012/08/23 08:57
S133	2	"20080036851" and (audio)	US-PGPUB; USPAT	OR	OFF	2012/08/23 08:58
S134	2	"20080036851" and (audio same channel)	US-PGPUB; USPAT	OR	OFF	2012/08/23 08:58
S135	0	"455".clas. and (user near3 policy) same (video near3 feed) near5 (channel)	US-PGPUB; USPAT	OR	OFF	2014/02/07 15:35
S136	0	"455".clas. and (identif$4 near5 video near4 feed) same (select$4 near3 channel)	US-PGPUB; USPAT	OR	OFF	2014/02/07 15:43
S137	2	"12188892"	US-PGPUB; USPAT	OR	OFF	2014/02/07 15:43
S138	1	"12188982"	US-PGPUB; USPAT	OR	OFF	2014/02/07 15:43
S139	32479	"455".clas. and (communication near3 channel$1)	US-PGPUB; USPAT	OR	OFF	2014/02/07 15:44
S140	137	"455".clas. and user near4 select$4 near4 (communication near3 channel$1)	US-PGPUB; USPAT	OR	OFF	2014/02/07 15:45
S141	1	"12188982" and independent$4	US-	OR	OFF	2014/02/07

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			PGPUB; USPAT			15:45
S142	0	"455".clas. and user near4 select$4 near4 (communication near3 channel$1) same (relevant near4 video near4 feed$1)	US-PGPUB; USPAT	OR	OFF	2014/02/07 15:46
S143	0	"455".clas. and user near4 select$4 near4 (communication near3 channel$1) same (relevant near4 video)	US-PGPUB; USPAT	OR	OFF	2014/02/07 15:46
S144	0	"455".clas. and user near4 select$4 near4 (communication near3 channel$1) same (relevant near4 feed)	US-PGPUB; USPAT	OR	OFF	2014/02/07 15:46
S145	0	"455".clas. and user near4 select$4 near4 (communication near3 channel$1) same (identif$4 near4 relevant)	US-PGPUB; USPAT	OR	OFF	2014/02/07 15:47
S146	0	"348".clas. and user near4 select$4 near4 (communication near3 channel$1) same (identif$4 near4 relevant)	US-PGPUB; USPAT	OR	OFF	2014/02/07 15:47
S147	1	"455".clas. and user near4 select$4 near4 (communication near3 channel$1) same (relevant)	US-PGPUB; USPAT	OR	OFF	2014/02/07 15:47
S148	0	"455".clas. and user near4 select$4 near4 (communication near3 channel$1) same (relevant near4 video)	US-PGPUB; USPAT	OR	OFF	2014/02/07 15:48
S149	0	"455".clas. and user near4 select$4 near4 (channel$1) same (relevant near4 video)	US-PGPUB; USPAT	OR	OFF	2014/02/07 15:49
S150	1	"455".clas. and user near4 select$4 near4 (channel$1) same (identif$4 near5 video)	US-PGPUB; USPAT	OR	OFF	2014/02/07 15:49
S151	0	"12188982" same video near4 feed same select$4 near4 communication	US-PGPUB; USPAT	OR	OFF	2014/02/07 15:50
S152	1	"12188982" and video near4 feed same select$4 near4 communication	US-PGPUB; USPAT	OR	OFF	2014/02/07 15:50
S153	1	"12188982" and database	US-PGPUB; USPAT	OR	OFF	2014/02/07 15:53
S154	1	"12188982" and database same video near3 feed	US-PGPUB; USPAT	OR	OFF	2014/02/07 15:53
S155	0	"12188982" and database same video near3 feed same audio near3 channels	US-PGPUB; USPAT	OR	OFF	2014/02/07 15:53
S156	0	"12188982" and database same video near3 feed same audio near3 channel$1	US-PGPUB; USPAT	OR	OFF	2014/02/07 15:54
S157	0	"12188982" and database same video near3 feed same audio	US-PGPUB; USPAT	OR	OFF	2014/02/07 15:54
S158	1	"12188982" and database same video near3 feed	US-PGPUB; USPAT	OR	OFF	2014/02/07 15:54
S159	0	"12188982" and database same audio	US-PGPUB; USPAT	OR	OFF	2014/02/07 15:54
S160	1	"12188982" and audio	US-	OR	OFF	2014/02/07

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			PGPUB; USPAT			15:54
S161	1	"12188982" and audio same channel$1	US-PGPUB; USPAT	OR	OFF	2014/02/07 15:55
S162	0	"12188982" and audio same channel$1 same database	US-PGPUB; USPAT	OR	OFF	2014/02/07 15:56
S163	3	ipics near2 database	US-PGPUB; USPAT	OR	OFF	2014/02/07 15:56
S164	274	"455".clas. and (database same video same channel$1)	US-PGPUB; USPAT	OR	OFF	2014/02/07 15:57
S165	1	"20080108339"	US-PGPUB; USPAT	OR	OFF	2014/02/10 11:59
S166	1	"20080108339" and user	US-PGPUB; USPAT	OR	OFF	2014/02/10 12:00
S167	1	"20080108339" and user near5 select$4	US-PGPUB; USPAT	OR	OFF	2014/02/10 12:00
S168	1	"20080108339" and user same (talk near3 group)	US-PGPUB; USPAT	OR	OFF	2014/02/10 12:00
S169	1232	((G08B13/19608 OR G08B13/19645 OR G08B13/19656).CPC.)	US-PGPUB; USPAT	OR	OFF	2014/02/10 12:01
S170	5338	((H04M11/04 OR H04M2242/14 OR H04M3/56).CPC.)	US-PGPUB; USPAT	OR	OFF	2014/02/10 12:01
S171	3042	((H04N7/157 OR H04N7/181).CPC.)	US-PGPUB; USPAT	OR	OFF	2014/02/10 12:01
S172	5095	((H04W4/08 OR H04W4/22 OR H04W76/002 OR H04W76/007).CPC.)	US-PGPUB; USPAT	OR	OFF	2014/02/10 12:01
S173	9277	S169 or S170 or S171 or S172 and (user same (talk near3 group))	US-PGPUB; USPAT	OR	OFF	2014/02/10 12:02
S174	9141	S169 or S170 or S171 or S172 and (user same (talk near3 group)) and (relevant$4 near4 video near3 feed$1)	US-PGPUB; USPAT	OR	OFF	2014/02/10 12:02
S175	3	S173 and (relevant$4 near4 video near3 feed$1)	US-PGPUB; USPAT	OR	OFF	2014/02/10 12:02
S176	0	"20080108339" and user same (talk near3 group) same (video)	US-PGPUB; USPAT	OR	OFF	2014/02/10 12:04
S177	0	"20080108339" and user same (talk near3 group) same (camera)	US-PGPUB; USPAT	OR	OFF	2014/02/10 12:04
S178	0	"12188982" and (talk near3 group same select$4)	US-PGPUB; USPAT	OR	OFF	2014/02/10 12:14
S179	1	"12188982" and (talk near3 group)	US-	OR	OFF	2014/02/10

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			PGPUB; USPAT			12:14
S180	1	"20080108339" and select$4	US-PGPUB; USPAT	OR	OFF	2014/02/10 12:21
S181	16	"455".clas. and (virtual near3 talk near3 group) near5 select$4	US-PGPUB; USPAT	OR	OFF	2014/02/10 13:22
S182	1	"12188982"	US-PGPUB; USPAT	OR	OFF	2014/02/10 13:25
S183	1	"455".clas. and (virtual near3 talk near3 group) near5 select$4 same video	US-PGPUB; USPAT	OR	OFF	2014/02/10 13:34
S184	0	"5471646".pn. and ise	US-PGPUB; USPAT	OR	OFF	2014/02/10 13:35
S185	1	"5471646".pn. and isw	US-PGPUB; USPAT	OR	OFF	2014/02/10 13:35
S186	49	"455".clas. and (virtual near3 talk near3 group)	US-PGPUB; USPAT	OR	OFF	2014/02/10 13:37
S187	4	"455".clas. and (virtual near3 talk near3 group) near5 user near4 (select$4 choos$4 chos$4 join$4)	US-PGPUB; USPAT	OR	OFF	2014/02/10 13:37
S188	4	"455".clas. and (virtual near3 talk near3 group) near5 user near4 (select$4 choos$4 chos$4 join$4) and video	US-PGPUB; USPAT	OR	OFF	2014/02/10 13:38
S189	1	"455".clas. and (virtual near3 talk near3 group) near5 user near4 (select$4 choos$4 chos$4 join$4) same video	US-PGPUB; USPAT	OR	OFF	2014/02/10 13:38
S190	4	"455".clas. and (virtual near3 talk near3 group) near5 user near4 (select$4 choos$4 chos$4 join$4) and video	US-PGPUB; USPAT	OR	OFF	2014/02/10 13:39
S191	1	"20080108339" and user	US-PGPUB; USPAT	OR	OFF	2014/02/10 13:47
S192	0	"20080108339" and request$4	US-PGPUB; USPAT	OR	OFF	2014/02/10 13:48
S193	912	455/416.ccls.	US-PGPUB; USPAT	OR	OFF	2014/02/10 13:49
S194	57	455/416.ccls. and talk near3 group	US-PGPUB; USPAT	OR	OFF	2014/02/10 13:49
S195	16	455/416.ccls. and talk near3 group same select$4	US-PGPUB; USPAT	OR	OFF	2014/02/10 13:49
S196	2	455/416.ccls. and talk near3 group near5 (user near3 select$4)	US-PGPUB; USPAT	OR	OFF	2014/02/10 14:03
S197	47	"455".clas. and talk near3 group near5 (user near3 select$4)	US-PGPUB; USPAT	OR	OFF	2014/02/10 14:04
S198	2	"455".clas. and talk near3 group near5	US-	OR	OFF	2014/02/10

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		(user near3 select$4) same monitor$4	PGPUB; USPAT			14:04
S199	5	"455".clas. and talk near3 group near4 (select$4) same monitor$4	US-PGPUB; USPAT	OR	OFF	2014/02/10 14:05
S200	7	"455".clas. and talk near3 group near5 (user near request$4)	US-PGPUB; USPAT	OR	OFF	2014/02/10 14:09
S201	0	"455".clas. and talk near3 group near5 (user near request$4 near5 join)	US-PGPUB; USPAT	OR	OFF	2014/02/10 14:10
S202	0	"455".clas. and talk near3 group near10 (user near request$4 near5 join)	US-PGPUB; USPAT	OR	OFF	2014/02/10 14:10
S203	8	"455".clas. and talk near3 group near10 (request$4 near5 join)	US-PGPUB; USPAT	OR	OFF	2014/02/10 14:11
S204	439	(shmuel and shaffer).in. and cisco.as.	US-PGPUB; USPAT	OR	OFF	2014/02/10 15:13
S205	211	(shmuel and shaffer).in. and cisco.as.	US-PGPUB	OR	OFF	2014/02/10 15:13

2/ 10/ 2014 10:03:28 PM
C:\ Users\ ahsu1\ Documents\ EAST\ Workspaces\ 12_188982.wsp

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Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
	12188982	SHAFFER ET AL.
	Examiner	Art Unit
	AMY HSU	2622

CPC- SEARCHED		
Symbol	Date	Examiner
G08B13/19608, G08B13/19645, G08B13/19656, H04M11/04, H04M2242/14, H04M3/56, H04N7/157, H04N7/181	2/10/14	AH

CPC COMBINATION SETS - SEARCHED		
Symbol	Date	Examiner

US CLASSIFICATION SEARCHED			
Class	Subclass	Date	Examiner
348	192	1/11/12	ah
455	416,518,521	2/10/14	ah

SEARCH NOTES		
Search Notes	Date	Examiner
class 455 search and keyword search	1/11/12	ah
update search	8/22/12	ah
subclass search and keyword search, class 455 and class 703 search with keywords	2/10/14	ah

INTERFERENCE SEARCH			
US Class/ CPC Symbol	US Subclass / CPC Group	Date	Examiner

Index of Claims	Application/Control No.	Applicant(s)/Patent Under Reexamination
	12188982	SHAFFER ET AL.
	Examiner	Art Unit
	AMY HSU	2622

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

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

CLAIM		DATE								
Final	Original	01/11/2012	08/23/2012	02/10/2014						
	1	✓	✓	✓						
	2	✓	✓	✓						
	3	✓	✓	✓						
	4	✓	✓	✓						
	5	✓	✓	✓						
	6	✓	✓	✓						
	7	✓	✓	✓						
	8	✓	✓	✓						
	9	✓	✓	✓						
	10	✓	✓	✓						
	11	✓	✓	✓						
	12	✓	✓	✓						
	13	✓	✓	✓						
	14	✓	✓	✓						
	15	✓	✓	✓						
	16	✓	✓	✓						
	17	✓	✓	✓						
	18	✓	✓	✓						
	19	✓	✓	✓						
	20	✓	✓	✓						
	21	✓	✓	✓						
	22	✓	✓	✓						
	23	✓	✓	✓						
	24	✓	✓	✓						
	25		✓	✓						
	26			✓						
	27			✓						

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12/188,982	08/08/2008 RULE	348	2664	1370.252US1

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**** CONTINUING DATA ***************************

**** FOREIGN APPLICATIONS ***************************

**** IF REQUIRED, FOREIGN FILING LICENSE GRANTED ****
08/20/2008

Foreign Priority claimed	☐ Yes ☑ No	☐ Met after Allowance	STATE OR COUNTRY	SHEETS DRAWINGS	TOTAL CLAIMS	INDEPENDENT CLAIMS
35 USC 119(a-d) conditions met	☐ Yes ☑ No					
Verified and Acknowledged	/AMY R HSU/ Examiner's Signature	Initials	CA	12	24	3

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UNITED STATES

TITLE

ACCESS TO VIDEO STREAMS ON MOBILE COMMUNICATION DEVICES

FILING FEE RECEIVED		
1414	FEES: Authority has been given in Paper No._____ to charge/credit DEPOSIT ACCOUNT No._____ for following:	☐ All Fees ☐ 1.16 Fees (Filing) ☐ 1.17 Fees (Processing Ext. of time) ☐ 1.18 Fees (Issue) ☐ Other _____ ☐ Credit

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Shmuel Shaffer et al.

Title: ACCESS TO VIDEO STREAMS ON MOBILE COMMUNICATION DEVICES

Docket No.:	1370.252US1	Serial No.:	12/188,982
Filed:	August 8, 2008	Due Date:	February 15, 2013
Examiner:	Amy Hsu	Group Art Unit:	2664
Customer No.:	21123	Confirmation No.:	6073

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

We are transmitting herewith the following attached items (as indicated with an "X"):

X Examiner Interview Summary (1 pg.)

If not provided for in a separate paper filed herewith, please consider this a PETITION FOR EXTENSION OF TIME for sufficient number of months to enter these papers and please charge any additional fees or credit overpayment to Deposit Account No. 19-0743.

SCHWEGMAN, LUNDBERG & WOESSNER, P.A.
Customer No.: 21123

By: /Robert E. Scheid/
Robert E. Scheid
Reg. No. 42,126

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being filed using the USPTO's electronic filing system EFS-Web, and is addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this 21st day of January, 2013.

Laura Johnson
Name

/Laura Johnson/
Signature

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:	Shmuel Shaffer et al.	Examiner: Amy Hsu	
Serial No.:	12/188,982	Group Art Unit: 2664	
Filed:	August 8, 2008	Docket No.: 1370.252US1	
Customer No.:	21123	Confirmation No.: 6073	
Title:	ACCESS TO VIDEO STREAMS ON MOBILE COMMUNICATION DEVICES		

EXAMINER INTERVIEW SUMMARY

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

Applicant thanks Examiner A. Hsu for discussing the present application with Applicant's representative, Robert E. Scheid, by telephone on January 8, 2013. No exhibits were presented. Claim 1, as amended in the Reply filed December 31, 2012, was discussed together with the cited references Patel and McKiou. Agreement was reached that claim 1, as amended to include *"the one or more video feeds being independent of the selected communication channel,"* appears to overcome the pending rejection.

If necessary, please charge any additional fees or credit overpayment to Deposit Account 19-0743.

Respectfully submitted,

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Date 1-21-13 By /Robert E. Scheid/

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Reg. No. 42,126

Electronic Acknowledgement Receipt

EFS ID:	14750699
Application Number:	12188982
International Application Number:	
Confirmation Number:	6073
Title of Invention:	ACCESS TO VIDEO STREAMS ON MOBILE COMMUNICATION DEVICES
First Named Inventor/Applicant Name:	Shmuel Shaffer
Customer Number:	21186
Filer:	Alison Nemier Sachs/Laura Johnson
Filer Authorized By:	Alison Nemier Sachs
Attorney Docket Number:	1370.252US1
Receipt Date:	21-JAN-2013
Filing Date:	08-AUG-2008
Time Stamp:	19:22:45
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		1370_252US1_Interview_Summary.pdf	130751 0aaa3a9f7db47753aa2eecfee7618faf24579e7d	yes	2

	Multipart Description/PDF files in .zip description		
	Document Description	**Start**	**End**
	Miscellaneous Incoming Letter	1	1
	Applicant summary of interview with examiner	2	2
Warnings:			
Information:			
	Total Files Size (in bytes):	130751	

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

New Applications Under 35 U.S.C. 111
If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

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

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

UNITED STATES PATENT AND TRADEMARK OFFICE

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
12/188,982	08/08/2008	Shmuel Shaffer	1370.252US1	6073

21186 7590 01/15/2013

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EXAMINER	
HSU, AMY R	
ART UNIT	PAPER NUMBER
2664	

NOTIFICATION DATE	DELIVERY MODE
01/15/2013	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):

uspto@slwip.com
SLW@blackhillsip.com

Applicant-Initiated Interview Summary	Application No.	Applicant(s)	
	12/188,982	SHAFFER ET AL.	
	Examiner	Art Unit	
	AMY HSU	2664	

All participants (applicant, applicant's representative, PTO personnel):

(1) *AMY HSU*. (3)_____.

(2) *Robert Scheid*. (4)_____.

Date of Interview: *08 January 2013*.

Type: ☒ Telephonic ☐ Video Conference
☐ Personal [copy given to: ☐ applicant ☐ applicant's representative]

Exhibit shown or demonstration conducted: ☐ Yes ☒ No.
If Yes, brief description: _____.

Issues Discussed ☐101 ☐112 ☐102 ☒103 ☐Others
(For each of the checked box(es) above, please describe below the issue and detailed description of the discussion)

Claim(s) discussed: *1*.

Identification of prior art discussed: *Patel (US 2008/0036851) and McKiou et al. (US 2009/0082038)*.

Substance of Interview
(For each issue discussed, provide a detailed description and indicate if agreement was reached. Some topics may include: identification or clarification of a reference or a portion thereof, claim interpretation, proposed amendments, arguments of any applied references etc...)

Applicant amends independent claims to reflect that the video feeds are independent of the selected communication channel. It appears this limitation overcomes the cited prior art above, however further detailed search of both the above cited references and a further comprehensive prior art search will be performed prior to a substantive action.

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.

☐ Attachment

/AUNG S. MOE/ Primary Examiner, Art Unit 2664	

Summary of Record of Interview Requirements

Manual of Patent Examining Procedure (MPEP), Section 713.04, Substance of Interview Must be Made of Record
A complete written statement as to the substance of any face-to-face, video conference, or telephone interview with regard to an application must be made of record in the application whether or not an agreement with the examiner was reached at the interview.

Title 37 Code of Federal Regulations (CFR) § 1.133 Interviews
Paragraph (b)

In every instance where reconsideration is requested in view of an interview with an examiner, a complete written statement of the reasons presented at the interview as warranting favorable action must be filed by the applicant. An interview does not remove the necessity for reply to Office action as specified in §§ 1.111, 1.135. (35 U.S.C. 132)

37 CFR §1.2 Business to be transacted in writing.
All business with the Patent or Trademark Office should be transacted in writing. The personal attendance of applicants or their attorneys or agents at the Patent and Trademark Office is unnecessary. The action of the Patent and Trademark Office will be based exclusively on the written record in the Office. No attention will be paid to any alleged oral promise, stipulation, or understanding in relation to which there is disagreement or doubt.

———

The action of the Patent and Trademark Office cannot be based exclusively on the written record in the Office if that record is itself incomplete through the failure to record the substance of interviews.

It is the responsibility of the applicant or the attorney or agent to make the substance of an interview of record in the application file, unless the examiner indicates he or she will do so. It is the examiner's responsibility to see that such a record is made and to correct material inaccuracies which bear directly on the question of patentability.

Examiners must complete an Interview Summary Form for each interview held where a matter of substance has been discussed during the interview by checking the appropriate boxes and filling in the blanks. Discussions regarding only procedural matters, directed solely to restriction requirements for which interview recordation is otherwise provided for in Section 812.01 of the Manual of Patent Examining Procedure, or pointing out typographical errors or unreadable script in Office actions or the like, are excluded from the interview recordation procedures below. Where the substance of an interview is completely recorded in an Examiners Amendment, no separate Interview Summary Record is required.

The Interview Summary Form shall be given an appropriate Paper No., placed in the right hand portion of the file, and listed on the "Contents" section of the file wrapper. In a personal interview, a duplicate of the Form is given to the applicant (or attorney or agent) at the conclusion of the interview. In the case of a telephone or video-conference interview, the copy is mailed to the applicant's correspondence address either with or prior to the next official communication. If additional correspondence from the examiner is not likely before an allowance or if other circumstances dictate, the Form should be mailed promptly after the interview rather than with the next official communication.

The Form provides for recordation of the following information:
- Application Number (Series Code and Serial Number)
- Name of applicant
- Name of examiner
- Date of interview
- Type of interview (telephonic, video-conference, or personal)
- Name of participant(s) (applicant, attorney or agent, examiner, other PTO personnel, etc.)
- An indication whether or not an exhibit was shown or a demonstration conducted
- An identification of the specific prior art discussed
- An indication whether an agreement was reached and if so, a description of the general nature of the agreement (may be by attachment of a copy of amendments or claims agreed as being allowable). Note: Agreement as to allowability is tentative and does not restrict further action by the examiner to the contrary.
- The signature of the examiner who conducted the interview (if Form is not an attachment to a signed Office action)

It is desirable that the examiner orally remind the applicant of his or her obligation to record the substance of the interview of each case. It should be noted, however, that the Interview Summary Form will not normally be considered a complete and proper recordation of the interview unless it includes, or is supplemented by the applicant or the examiner to include, all of the applicable items required below concerning the substance of the interview.

A complete and proper recordation of the substance of any interview should include at least the following applicable items:
1) A brief description of the nature of any exhibit shown or any demonstration conducted,
2) an identification of the claims discussed,
3) an identification of the specific prior art discussed,
4) an identification of the principal proposed amendments of a substantive nature discussed, unless these are already described on the Interview Summary Form completed by the Examiner,
5) a brief identification of the general thrust of the principal arguments presented to the examiner,
   (The identification of arguments need not be lengthy or elaborate. A verbatim or highly detailed description of the arguments is not required. The identification of the arguments is sufficient if the general nature or thrust of the principal arguments made to the examiner can be understood in the context of the application file. Of course, the applicant may desire to emphasize and fully describe those arguments which he or she feels were or might be persuasive to the examiner.)
6) a general indication of any other pertinent matters discussed, and
7) if appropriate, the general results or outcome of the interview unless already described in the Interview Summary Form completed by the examiner.

Examiners are expected to carefully review the applicant's record of the substance of an interview. If the record is not complete and accurate, the examiner will give the applicant an extendable one month time period to correct the record.

Examiner to Check for Accuracy

If the claims are allowable for other reasons of record, the examiner should send a letter setting forth the examiner's version of the statement attributed to him or her. If the record is complete and accurate, the examiner should place the indication, "Interview Record OK" on the paper recording the substance of the interview along with the date and the examiner's initials.

REQUEST FOR CONTINUED EXAMINATION (RCE) TRANSMITTAL Subsection (b) of 35 U.S.C. § 132, effective on May 29, 2000, provides for continued examination of an utility or plant application filed on or after June 8, 1995. See The American Inventors Protection Act of 1999 (AIPA).		
	Application Number	12/188,982
	Filing Date	August 8, 2008
	First Named Inventor	Shmuel Shaffer
	Confirmation Number	6073
	Group Art Unit	2622
	Examiner Name	Amy Hsu
	Attorney Docket Number	1370.252US1
	Customer No.	21123

This is a Request for Continued Examination (RCE) under 37 C.F.R § 1.114 of the above-identified application entitled: ACCESS TO VIDEO STREAMS ON MOBILE COMMUNICATION DEVICES

1. Submission required under 37 C.F.R. § 1.114:
   - X Amendment and Response Under 37 C.F.R § 1.116 (12 pages) is enclosed.
   - X Petition for Extension of Time (1 pg.).
2. Fees
   - X Authorization to charge deposit account 19-0743 in the amount of $930.00 to pay the RCE filing fee required under 37 C.F.R. § 1.17(e).
   - X Authorization to charge deposit account 19-0743 in the amount of $150.00 to pay the extension of time fee.
   - X Authorization to charge deposit account 19-0743 in the amount of $124.00 to cover the fee for additional claims.

The fee for additional claims has been calculated as follows:

CLAIMS AS AMENDED						
	Claims Remaining After Amendment		**Highest Number Previously Paid For**	**Present Extra**	Rate	**Fee**
TOTAL CLAIMS	**27**	-	**25**	**2**	**x 62.00 =**	**124.00**
INDEPENDENT CLAIMS	**3**	-	**3**	**0**	**x 250.00 =**	**0.00**
[] MULTIPLE DEPENDENT CLAIMS PRESENTED						**0.00**
TOTAL						**124.00**

The Commissioner is hereby authorized to charge any additional fees or credit overpayment to Deposit Account No. 19-0743.

SCHWEGMAN, LUNDBERG & WOESSNER, P.A.

By: /Robert E. Scheid/
Robert E. Scheid
Reg. No. 42,126

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being filed using the USPTO's electronic filing system EFS-Web, and is addressed to: Mail Stop RCE, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this 31st day of December, 2012.

Laura Johnson
Name

/Laura Johnson/
Signature

EXPEDITED PROCEDURE-EXAMINING GROUP 2622

S/N 12/188,982 **PATENT**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Shmuel Shaffer et al.	Examiner: Amy Hsu	
Serial No.:	12/188,982	Group Art Unit: 2622	
Filed:	August 8, 2008	Docket No.: 1370.252US1	
Customer No.:	21186	Confirmation No.: 6073	
Title:	ACCESS TO VIDEO STREAMS ON MOBILE COMMUNICATION DEVICES		

AMENDMENT & RESPONSE UNDER 37 C.F.R. 1.116

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

In response to the Final Office Action dated August 29, 2012, please amend the application as follows:

This response is accompanied by a Petition, as well as the appropriate fee, to obtain a one-month extension of the period for responding to the Office action, thereby moving the deadline for response from November 29, 2012, to December 29, 2012.

IN THE CLAIMS

Please amend the claims as follows:

1. (Currently Amended) A method comprising:

monitoring a selection of a communication channel by a user of a mobile communication device;

identifying at least one video feed associated with the selected communication channel based on a user policy that identifies one or more video feeds that are relevant to the user when the user accesses the selected communication channel, the one or more video feeds being independent of the selected communication channel; and

providing access to the identified at least one video feed to the mobile communication device based on the user policy~~, wherein providing the access is based on a user policy that identifies one or more video feeds that are relevant to the user when the user accesses the selected communication channel~~.

2. (Currently Amended) The method of claim 1, wherein providing access comprises associating the identified at least one video feed with the mobile communication device in a database that is used to manage access to independent video feeds in a network based on audio communication channels that are selected by communication devices in the network.

3. (Currently Amended) The method of claim 1, further comprising:

accessing a database to identify a plurality of members of an emergency response team that includes the user of the mobile communication device; and

presenting a plurality of available video feeds on a display of the mobile communication device, the plurality of available video feeds including video streams associated with the plurality of members of the emergency response team.

4. (Original) The method of claim 3, wherein the available video feeds are sourced from a group of surveillance cameras.

5. (Original) The method of claim 1, wherein the communication channel is a Push-To-Talk (PTT) channel in a PTT communication network and the mobile communication device is a PTT radio.

6. (Currently Amended) The method of claim 1, further comprising:

accessing a database to identify a group of video feeds associated with the user; and

when the user selects the communication channel, providing access to the group of video feeds associated with the user to one or more other users of the communication channel.

7. (Currently Amended) The method of claim 1, further comprising:

providing a plurality of radio frequencies on a display of the mobile communication device, each radio frequency being associated with a geographical zone from which a plurality of video feeds associated with the geographic zone are sourced;

monitoring a selection of a radio frequency of the plurality of radio frequencies by the user; and

identifying the at least one video feed by selecting the at least one video feed from the video feeds associated with the geographic zone ~~providing access to a plurality of video feeds associated with the geographical zone~~.

8. (Currently Amended) The method of claim 1, further comprising:

monitoring an audio signal generated in proximity to a video camera providing ~~the~~ a first video feed included in the identified at least one video feed;

processing the audio signal to identify an audio event; and

based on the identified audio event, providing access to the first video feed to a plurality of mobile communication devices in a group of mobile communication devices, the group of

mobile communication devices including the mobile communication device of the user corresponding to the selection of the communication channel.

9. (Original) The method of claim 1, wherein the communication channel is associated with a Virtual Talk Group (VTG).

10. (Original) The method of claim 1, wherein providing access to the video feeds depends on a video association policy.

11. (Currently Amended) The method of claim 10, wherein the video association policy includes a role of the user defined in a policy database.

12. (Currently Amended) The method of claim 1, further comprising:

identifying a geographical location of ~~a local~~ the user's mobile communication device using a Global Positioning System;

identifying that the at least one video feed is associated with the geographical location;

associating the at least one video feed with other mobile communication devices set to the same channel as the user's ~~local~~ mobile communication device; and

automatically rendering access to the at least one video feed to the other mobile communication devices.

13. (Currently Amended) An apparatus, comprising:

at least one processor; and

a memory in communication with the at least one processor, the memory being configured to store a video stream association module executable by the at least one processor, and the video stream association module being executed by the at least one processor to cause operations to be performed, the operations comprising:

monitoring a selection of a communication channel by a user of a mobile communication device;

identifying at least one video feed associated with the selected communication channel based on a user policy that identifies one or more video feeds that are relevant to the user when the user accesses the selected communication channel, the one or more video feeds being independent of the selected communication channel; and

providing access to the identified at least one video feed to the mobile communication device based on the user policy~~, wherein providing the access is based on a user policy that identifies one or more video feeds that are relevant to the user when the user accesses the selected communication channel~~.

14. (Currently Amended) The apparatus of claim 13, wherein providing access comprises associating the identified at least one video feed with the mobile communication device in a database that is used to manage access to independent video feeds in a network based on audio communication channels that are selected by communication devices in the network.

15. (Currently Amended) The apparatus of claim 13, wherein the operations further comprise:

accessing a database to identify a plurality of members of an emergency response team that includes the user of the mobile communication device; and

presenting a plurality of available video feeds on a display of the mobile communication device, the plurality of available video feeds including video streams associated with the plurality of members of the emergency response team.

16. (Original) The apparatus of claim 15, wherein the available video feeds are sourced from a group of surveillance cameras.

17. (Original) The apparatus of claim 13, wherein the communication channel is a Push-To-Talk (PTT) channel in a PTT communication network and the mobile communication device is a PTT radio.

18. (Currently Amended) The apparatus of claim 13, wherein the operations further comprise:

accessing a database to identify a group of video feeds associated with the user; and

when the user selects the communication channel, providing access to the group of video feeds associated with the user to one or more other users of the communication channel.

19. (Currently Amended) The apparatus of claim 13, wherein the operations further comprise:

providing a plurality of radio frequencies on a display of the mobile communication device, each radio frequency being associated with a geographical zone from which a plurality of video feeds associated with the geographic zone are sourced;

monitoring selection of a radio frequency of the plurality of radio frequencies by the user; and

identifying the at least one video feed by selecting the at least one video feed from the video feeds associated with the geographic zone ~~providing access to a plurality of video feeds associated with the geographical zone~~.

20. (Currently Amended) The apparatus of claim 13, wherein the operations further comprise:

monitoring an audio signal generated in proximity to a video camera providing ~~the~~ a first video feed included in the identified at least one video feed;

processing the audio signal to identify an audio event; and

based on the identified audio event, providing access to the first video feed to a plurality of mobile communication devices in a group of mobile communication devices, the group of mobile communication devices including the mobile communication device of the user corresponding to the selection of the communication channel.

21. (Original) The apparatus of claim 13, wherein the communication channel is associated with a Virtual Talk Group (VTG).

22. (Original) The apparatus of claim 13, wherein providing access to the video feed depends on a video association policy, the video association policy including a role of the user defined in a policy database.

23. (Currently Amended) The apparatus of claim 13, wherein the operations further ~~comprising~~ comprise:

identifying a geographical location of ~~a local~~ the user's mobile communication device using a Global Positioning System;

identifying that the at least one video feed is associated with the geographical location;

associating the at least one video feed with other mobile communication devices set to the same channel as the user's ~~local~~ mobile communication device; and

automatically rendering access to the at least one video feed to the other mobile communication devices.

24. (Currently Amended) An apparatus comprising:

a monitor module to monitor a selection of [[a]] an audio communication channel by a user of a mobile communication device;

a channel identifier module to identify at least one video feed associated with the selected audio communication channel based on a user policy that identifies one or more video feeds that are relevant to the user when the user accesses the selected audio communication channel, the one or more video feeds being independent of the selected communication channel; and

means for providing access to the identified at least one video feed to the mobile communication device based on the user policy~~, wherein providing the access is based on a user policy that identifies one or more video feeds that are relevant to the user when the user accesses the selected communication channel~~.

25. (Previously Presented) The method of claim 1, wherein the selected communication channel is a selected audio communication channel that is selected from a plurality of audio communication channels, the at least one video feed being associated with the selected audio

communication channel, and the user policy identifying the one or more video feeds that are relevant to the user when the user accesses the selected audio communication channel.

26. (New) The method of claim 1, wherein the user policy associates the at least one video feed with the selected communication channel based on a geographic zone from which the at least one video feed is sourced and a device group that includes the user's communication device.

27. (New) The method of claim 1, wherein the user policy associates the at least one video feed with the selected communication channel by comparing a first geographic zone from which the at least one video feed is sourced with a second geographic zone corresponding to a location of the user's communication device

REMARKS

This responds to the Final Office Action dated August 29, 2012.

Claims 1-25 are pending in the present application. By this amendment, claims 1-3, 6-8, 11-15, 18-20, 23-24 have been amended, and claim 26-27 has been added. Accordingly, claims 1-27 are currently under consideration with respect to this amendment. Applicant respectfully submits that these claims are allowable.

Support for claims amendments and new claims can be found, for example, at paragraphs 2, 20, 27, 41, 45, and 46 and at Figures 2-3. Certain claims have been amended to improve formal structure. No new matter has been added.

The Rejection of Claims Under § 103

First Rejection

Claims 1-2, 13-14, 24, and 25 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Patel (U.S. Publication No. 2008/0036851) in view of McKiou et al. (U.S. Publication No. 2009/0082038; hereafter referred to as "McKiou").

Independent claim 1, as amended, recites *"a user policy that identifies one or more video feeds that are relevant to the user when the user accesses the selected communication channel, the one or more video feeds being independent of the selected communication channel."* The Examiner has cited Patel at paragraphs 22-23. However, this portion of Patel merely discloses "obtaining/viewing television content with the wireless communication device 110."[1] As disclosed by Patel, "The user presses the buttons on the wireless communication device 110 to select the desired television channel. The tuner/channel controller 260 obtains this information, and, at step 350, creates one or more data streams or packets in compliance with data structure 270."[2] Patel does not disclose or suggest *"the one or more video feeds being independent of the selected communication channel."* Likewise, McKiou merely discloses that "Private channels allow a mobile user to monitor and direct the activities of a group of individuals participating in a coordinate activity or mission."[3]

---

[1] Patel, par. 23, emphasis added.

[2] Patel, par. 24, emphasis added.

[3] McKiou, par. 64, emphasis added.

The above-cited characteristic features as recited in claim 1 are not disclosed or suggested by the cited references. Therefore, claim 1 is allowable over the cited references. Because they depend directly or indirectly from claim 1, claims 2-12 and 25-27 are likewise allowable over the cited references.

Independent claim 13, as amended, recites *"a user policy that identifies one or more video feeds that are relevant to the user when the user accesses the selected communication channel, the one or more video feeds being independent of the selected communication channel."* As discussed above with respect to claim 1, these limitations are not disclosed or suggested by the cited reference. Therefore, claim 13 is allowable over the cited reference. Because they depend directly or indirectly from claim 13, claims 14-23 are likewise allowable over the cited reference.

Independent claim 24, as amended, recites *"a user policy that identifies one or more video feeds that are relevant to the user when the user accesses the selected communication channel, the one or more video feeds being independent of the selected communication channel."* As discussed above with respect to claim 1, these limitations are not disclosed or suggested by the cited reference. Therefore, claim 24 is allowable over the cited reference.

Second Rejection

Claims 3-4, 6, 8, 15-16, 18, and 20 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Patel, in view of McKiou, and further in view of Siemens (U.S. Publication No. 2005/0232352).

As discussed above, each of these claims is allowable at least because its independent base claim is allowable.

Third Rejection

Claims 5, 9, 17, and 21 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Patel, in view of McKiou, and further in view of Rengaraju et al. (U.S. Publication No. 2006/0293073; hereafter referred to as "Rengaraju").

As discussed above, each of these claims is allowable at least because its independent base claim is allowable.

Fourth Rejection

Claims 10-11, and 22 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Patel, in view of McKiou and further in view of Manrao et al. (U.S. Patent No. 7,864,716; hereafter referred to as "Manrao").

As discussed above, each of these claims is allowable at least because its independent base claim is allowable.

Fifth Rejection

Claims 7, 12, 19, and 23 stand rejected under 35 U.S.C. § 103(a) as being unpatentable over Patel, in view of McKiou, and further in view of Winter et al. (U.S. Publication No. 2007/0015518; hereafter referred to as "Winter").

As discussed above, each of these claims is allowable at least because its independent base claim is allowable.

Applicant respectfully requests that the above-cited rejections under 35 U.S.C. § 103(a) be withdrawn.

Applicant submits that these claims are distinguishable over the cited references and all references of record.

CONCLUSION

Applicants respectfully submit that the claims are in condition for allowance, and notification to that effect is earnestly requested. The Examiner is invited to telephone Applicant's representative at (415) 202-3238 to facilitate prosecution of this application.

If necessary, please charge any additional fees or deficiencies, or credit any overpayments to Deposit Account No. 19-0743.

Respectfully submitted,

SCHWEGMAN, LUNDBERG & WOESSNER, P.A.
P.O. Box 2938
Minneapolis, MN 55402--0938
(415) 202-3238

Date: December 31, 2012

By /Robert E. Scheid/
Robert E. Scheid
Reg. No. 42,126

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Shmuel Shaffer et al.	Examiner:	Amy Hsu
Serial No.:	12/188,982	Group Art Unit:	2622
Filed:	August 8, 2008	Docket:	1370.252US1
Customer No.:	21123	Confirmation No.:	6073
Title:	ACCESS TO VIDEO STREAMS ON MOBILE COMMUNICATION DEVICES		

PETITION FOR A ONE-MONTH EXTENSION OF TIME

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

In accordance with the provision of 37 C.F.R § 1.136(a), it is respectfully requested that a one-month extension of time be granted in which to respond to the Final Office Action mailed August 29, 2012, said period of response being extended from November 29, 2012 to December 29, 2012. However, as December 29, 2012 falls on a Saturday, this response is timely filed by Monday, December 31, 2012.

Please charge Deposit Account No. 19-0743 in the amount of $150.00 to cover the required extension fee. Please charge any additional fees or credit overpayment to deposit Account No. 19-0743.

Respectfully submitted,

SCHWEGMAN, LUNDBERG & WOESSNER, P.A.
P.O. Box 2938
Minneapolis, MN 55402
(415) 202-3238

Date: December 31, 2012

By /Robert E. Scheid/
Robert E. Scheid
Reg. No. 42,126

Electronic Patent Application Fee Transmittal

Application Number:	12188982
Filing Date:	08-Aug-2008
Title of Invention:	ACCESS TO VIDEO STREAMS ON MOBILE COMMUNICATION DEVICES
First Named Inventor/Applicant Name:	Shmuel Shaffer
Filer:	Alison Nemier Sachs/Laura Johnson
Attorney Docket Number:	1370.252US1

Filed as Large Entity

Utility under 35 USC 111(a) Filing Fees

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Basic Filing:				
Pages:				
Claims:				
Claims in excess of 20	1202	2	62	124
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Extension - 1 month with $0 paid	1251	1	150	150
Miscellaneous:				
Request for continued examination	1801	1	930	930
		Total in USD ($)		**1204**

Electronic Acknowledgement Receipt	
EFS ID:	14591039
Application Number:	12188982
International Application Number:	
Confirmation Number:	6073
Title of Invention:	ACCESS TO VIDEO STREAMS ON MOBILE COMMUNICATION DEVICES
First Named Inventor/Applicant Name:	Shmuel Shaffer
Customer Number:	21186
Filer:	Alison Nemier Sachs/Laura Johnson
Filer Authorized By:	Alison Nemier Sachs
Attorney Docket Number:	1370.252US1
Receipt Date:	31-DEC-2012
Filing Date:	08-AUG-2008
Time Stamp:	18:35:32
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	$1204
RAM confirmation Number	4176
Deposit Account	190743
Authorized User	
The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows: Charge any Additional Fees required under 37 C.F.R. Section 1.16 (National application filing, search, and examination fees) Charge any Additional Fees required under 37 C.F.R. Section 1.17 (Patent application and reexamination processing fees)	

Charge any Additional Fees required under 37 C.F.R. Section 1.19 (Document supply fees) Charge any Additional Fees required under 37 C.F.R. Section 1.20 (Post Issuance fees) Charge any Additional Fees required under 37 C.F.R. Section 1.21 (Miscellaneous fees and charges)	

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		1370_252US1_RCE.pdf	197071 a5d114317e9476e822bca711eceee9d307f0b120	yes	14

Multipart Description/PDF files in .zip description

Document Description	Start	End
Request for Continued Examination (RCE)	1	1
Amendment Submitted/Entered with Filing of CPA/RCE	2	2
Claims	3	9
Applicant Arguments/Remarks Made in an Amendment	10	13
Extension of Time	14	14

Warnings:

Information:

2	Fee Worksheet (SB06)	fee-info.pdf	33877 331f3ae3a7971f5126ba8481599a519fcfad1a3d	no	2

Warnings:

Information:

Total Files Size (in bytes):	230948

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

New Applications Under 35 U.S.C. 111
If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

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

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

PTO/SB/06 (07-06)
Approved for use through 1/31/2007. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PATENT APPLICATION FEE DETERMINATION RECORD

Substitute for Form PTO-875

Application or Docket Number	Filing Date	☐ To be Mailed
12/188,982	08/08/2008	

APPLICATION AS FILED – PART I

	(Column 1)	(Column 2)	SMALL ENTITY ☐		OR	OTHER THAN SMALL ENTITY	
FOR	NUMBER FILED	NUMBER EXTRA	RATE ($)	FEE ($)		RATE ($)	FEE ($)
☐ BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A			N/A	
☐ SEARCH FEE (37 CFR 1.16(k), (i), or (m))	N/A	N/A	N/A			N/A	
☐ EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A			N/A	
TOTAL CLAIMS (37 CFR 1.16(i))	minus 20 =	*	X $ =		OR	X $ =	
INDEPENDENT CLAIMS (37 CFR 1.16(h))	minus 3 =	*	X $ =			X $ =	
☐ APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is $250 ($125 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			TOTAL	

APPLICATION AS AMENDED – PART II

AMENDMENT	12/31/2012	(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	SMALL ENTITY RATE ($)	ADDITIONAL FEE ($)	OR	OTHER THAN SMALL ENTITY RATE ($)	ADDITIONAL FEE ($)
	Total (37 CFR 1.16(i))	* 27	Minus	** 27	= 0	X $ =		OR	X $62=	0
	Independent (37 CFR 1.16(h))	* 3	Minus	***4	= 0	X $ =		OR	X $250=	0
	☐ Application Size Fee (37 CFR 1.16(s))									
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							OR		
						TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	0

AMENDMENT		(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	RATE ($)	ADDITIONAL FEE ($)		RATE ($)	ADDITIONAL FEE ($)
	Total (37 CFR 1.16(i))	*	Minus	**	=	X $ =		OR	X $ =	
	Independent (37 CFR 1.16(h))	*	Minus	***	=	X $ =		OR	X $ =	
	☐ Application Size Fee (37 CFR 1.16(s))									
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							OR		
						TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".

*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

Legal Instrument Examiner:
/ALLYSON PURNELL/

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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

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UNITED STATES DEPARTMENT OF COMMERCE
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www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
12/188,982	08/08/2008	Shmuel Shaffer	1370.252US1	6073

21186 7590 08/29/2012

SCHWEGMAN, LUNDBERG & WOESSNER, P.A.
P.O. BOX 2938
MINNEAPOLIS, MN 55402

EXAMINER	
HSU, AMY R	
ART UNIT	PAPER NUMBER
2622	

NOTIFICATION DATE	DELIVERY MODE
08/29/2012	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):

uspto@slwip.com
SLW@blackhillsip.com

Office Action Summary	Application No.	Applicant(s)	
	12/188,982	SHAFFER ET AL.	
	Examiner	Art Unit	
	AMY HSU	2622	

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

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

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

Status

1)☒ Responsive to communication(s) filed on *21 May 2012*.

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

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

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

Disposition of Claims

5)☒ Claim(s) *1-25* is/are pending in the application.

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

6)☐ Claim(s) _____ is/are allowed.

7)☒ Claim(s) *1-25* is/are rejected.

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

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

Application Papers

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

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

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

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

12)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

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

a)☐ All b)☐ Some * c)☐ None of:

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

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

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

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

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☐ Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date _____.
4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ .
5) ☐ Notice of Informal Patent Application
6) ☐ Other: _____.

DETAILED ACTION

Response to Arguments

1. Applicant's arguments with respect to claims 1-25 have been considered but are moot in view of the new ground(s) of rejection.

Claim Rejections - 35 USC § 103

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

3. Claims 1-2, 13-14, 24, 25 are rejected under 35 U.S.C. 103(a) as being unpatentable over Patel (US 2008/0036851) in view of McKiou et al. (US 2009/0082038).

4. Regarding Claim 1, Patel teaches a method comprising: monitoring selection of a communication channel by a user of a mobile communication device (*paragraph 23 teaches receiving channel selection by wireless communication device)*; identifying at least one video feed associated with the selected channel; and providing access to the mobile communication device to the identified at least one video feed (*paragraphs 23-24 describe providing the video data associated with the selected channel to wireless communication device)*, wherein providing the access is based on a user policy (*paragraph 15 teaches the access is via a service provider and is thus based on the associated user policy of the service provider)*, but does not teach that the one or more video feeds are identified that are relevant to the user when the user accesses the

selected communication channel. One of ordinary skill in the art recognizes the special use of channels for a user or group of users where video relevant to the user is accessible. McKiou teaches an example of a special use for a communication channel for a mobile device user participating in emergency or rescue activity, and the private channel allows wireless communication system to provide video to mobile device users using the private channel, as in paragraph 63-64.

It would have been obvious to one of ordinary skill in the art at the time of the invention to modify the teaching of Patel with that of McKiou to realize the use of a communication channel in applications where a group of users may receive video relevant to the users such as in an emergency rescue activity (i.e. police, fire department).

Regarding Claim 2, Patel teaches the method of claim 1, wherein providing access comprises associating the identified video feed with the mobile communication device (*paragraphs 23-24 teaches associating the video feed with the mobile communication device by delivering the video data to the mobile device*.

Claims 13-14, 24 are rejected similarly.

Regarding Claim 25, Patel in view of McKiou teach the method of claim 1, wherein the selected communication channel is a selected audio communication channel that is selected from a plurality of audio communication channels, the at least one video feed being associated with the selected audio communication channel (*paragraph 22 teaches the channel is also an audio channel because it has audio parameters as well as video)*, and the user policy identifying the one or more video

feeds that are relevant to the user when the user accesses the selected audio communication channel (*as addressed with claim 1)*.

5. Claims 3-4, 6, 8, 15-16, 18, 20 rejected under 35 U.S.C. 103(a) as being unpatentable over Patel (US 2008/0036851) in view of McKiou et al. (US 2009/0082038) in view of Siemens (US 2005/0232352).

Regarding Claim 3, Patel in view of McKiou teach the method of claim 1, but does not teach applying the method of claim 1 in the specific area of emergency response including accessing a database to identify a plurality of members of an emergency response team; and presenting a plurality of available video feeds on a display of the mobile communication device, the plurality of available video feeds including video streams associated with the plurality of members of the emergency response team. However, it is well known to use a video communication system for the purpose of emergency response such as to police patrol cars as taught in Siemens. In Fig. 4, Siemens teaches a database identifying patrol cars, 452,454, 456, and 458. The monitor 170 also displays available video feeds and the feeds correspond to video streams from 4 police cars. One of ordinary skill in the art would realize the invention taught by Patel which allows a mobile user to select channels with the capability of Siemens to have video associated with different police cars and to combine such that mobile users may select video associated with different police cars. It is readily foreseen that a user wishes to select video based on particulars of the video such as location of the video or who shot the video. Thus given the two teachings, it would be obvious to realize allowing a user to select video based on the police car that the video

came from. It would have been obvious to one of ordinary skill in the art at the time of the invention to modify the teaching of Patel in view of McKiou with that of Siemens to realize the use of video communication via channels corresponding to different video feeds in the area of emergency response such as among a police department. This would be obvious because police activity and other emergency response activity benefits from video communication for various reasons like evidence gathering or spreading critical information quickly.

Regarding Claim 4, Patel in view of McKiou teach the method of claim 3, wherein the available video feeds are sourced from a group of surveillance cameras. Siemens further teaches the video feeds are from surveillance system in a patrol vehicle. It would have been obvious to one of ordinary skill in the art at the time of the invention to modify the teaching of Patel in view of McKiou with that of Siemens for the reason above.

Claim 6 is rejected similarly to claim 3 where Patel teaches allowing a user to select a channel associated with a video and Siemens teaches in Fig. 4 a database to identify a set of video with a certain user. Similar to the rationale of claim 3, it would have been obvious to one of ordinary skill in the art at the time of the invention to combine Patel in view of McKiou with Siemens to realize allowing a mobile user to select and receive video based on the user that captured the video.

Regarding Claim 8, Patel in view of McKiou teach the method of claim 1, but does not teach associated audio signal. Siemens teaches monitoring an audio signal

generated in proximity to a video camera providing the video feed; processing the audio signal to identify an audio event; and based on the identified audio event, providing access to the video feed to a plurality of mobile communication devices in a group of mobile communication devices (*paragraph 39)*. It would have been obvious to one of ordinary skill in the art at the time of the invention to modify the teaching of Patel in view of McKiou with that of Siemens to realize use of audio to detect events since audio requires less data it is faster to process for events that can be readily identified by sounds.

Claims 15-16, 18, 20 are rejected similarly to claims 3-4, 6, 8.

6. Claims 5, 9, 17, 21 rejected under 35 U.S.C. 103(a) as being unpatentable over Patel (US 2008/0036851) in view of McKiou et al. (US 2009/0082038) in view of Rengaraju et al. (US 2006/0293073).

Regarding Claim 5, Patel in view of McKiou teach the method of claim 1, but does not teach the communication channel is a Push-To-Talk (PTT) channel in a PTT communication network and the mobile communication device is a PTT radio. One of ordinary skill in the art recognizes PTT as a widely used type of communication device where the advantage is initiate and send data with just a push of a key. Rengaraju teaches use of such device in video communication in paragraph 30 with push to video or push to talk device and system. It would have been obvious to one of ordinary skill in the art at the time of the invention to modify the teaching of Patel in view of McKiou with that of Rengaraju to realize push to talk device in video communication system in order to decrease the time to initiate and send data.

Regarding Claim 9, Patel in view of McKiou teach the method of claim 1, but does not teach the communication channel is associated with a Virtual Talk Group (VTG). Renegaraju further teaches push to talk to communicate with a talk group with a push of a key, in paragraph 30. It would have been obvious to one of ordinary skill in the art at the time of the invention to modify the teaching of Patel in view of McKiou with Renegaraju similar to claim 5.

Claims 17, 21 are rejected similarly to claim 5, 9.

7. Claims 10-11, 22 rejected under 35 U.S.C. 103(a) as being unpatentable over Patel (US 2008/0036851) McKiou et al. (US 2009/0082038) in view of Manrao et al. (US 7864716).

Regarding Claims 10-11, Patel in view of McKiou teach the method of claim 1, but does not teach wherein providing access to the video feeds depends on a video association policy which includes role of the user defined in a policy database. Such policies are well known in talk group management as taught by Manroa with one example in Figure 8a-8b. It would have been obvious to one of ordinary skill in the art at the time of the invention to modify the teaching of Patel in view of McKiou with that of Manroa to implement database policy or protocol for effective management of the communication system.

Claim 22 is rejected similarly.

8. Claims 7, 12, 19, 23 rejected under 35 U.S.C. 103(a) as being unpatentable over Patel (US 2008/0036851) McKiou et al. (US 2009/0082038) in view of Winter et al. (US 2007/0015518).

Regarding Claim 7, Patel in view of McKiou teach the method of claim 1, but does not teach a plurality of radio frequencies on a display of the mobile communication device, each associated with a geographical zone; monitoring selection of a radio frequency of the plurality of radio frequencies by the user; and providing access to a plurality of video feeds associated with the geographical zone. Winter teaches in Fig. 2 teaches radio frequency for certain geographic area and determining customer location. It would have been obvious to one of ordinary skill in the art at the time of the invention to modify the teaching of Patel in view of McKiou with that of Winter to realize monitoring radio frequency to determine geographic zone and providing data accordingly in order to provide specifically relevant data to a user based on location.

Claim 19 is rejected similarly.

Regarding Claim 12, Patel in view of McKiou teach the method of claim 1, but does not teach: identifying a geographical location of a local mobile communication device using a GPS; identifying at least one video feed associated with the geographical location; associating the video feed with other mobile communication devices set to the same channel as the local mobile communication device; and automatically rendering access to the at least one video feed to the other mobile communication devices. Winter teaches determining physical location by monitoring GPS signal of a

communication device and providing data accordingly. It would have been obvious to one of ordinary skill in the art at the time of the invention to modify the teaching of Patel in view of McKiou with that of Winter to realize transmission of video signals based on GPS location to receive relevant data based on location.

Claim 23 is rejected similarly.

Conclusion

9. Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to AMY HSU whose telephone number is (571)270-3012. The examiner can normally be reached on M-F 8am-6pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lin Ye can be reached on 571-272-7372. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Amy Hsu
Examiner
Art Unit 2622

/NHAN T TRAN/
Primary Examiner, Art Unit 2622

Notice of References Cited	Application/Control No. 12/188,982	Applicant(s)/Patent Under Reexamination SHAFFER ET AL.	
	Examiner AMY HSU	Art Unit 2622	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A	US-2002/0137462 A1	09-2002	Rankin, Paul J.	455/41
*	B	US-2005/0232352 A1	10-2005	Siemens et al.	375/240.12
*	C	US-2006/0293073 A1	12-2006	Rengaraju et al.	455/518
*	D	US-2007/0015518 A1	01-2007	Winter et al.	455/456.1
*	E	US-2008/0036851 A1	02-2008	PATEL, Mehul B.	348/21
*	F	US-7,499,719 B2	03-2009	Rengaraju et al.	455/518
*	G	US-2009/0082038 A1	03-2009	McKiou et al.	455/456.6
*	H	US-7,783,316 B1	08-2010	Mitchell, James P.	455/521
*	I	US-7,864,716 B1	01-2011	Manroa et al.	370/260
	J	US-			
	K	US-			
	L	US-			
	M	US-			

FOREIGN PATENT DOCUMENTS

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

NON-PATENT DOCUMENTS

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

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

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BIB DATA SHEET

CONFIRMATION NO. 6073

SERIAL NUMBER	FILING or 371(c) DATE	CLASS	GROUP ART UNIT	ATTORNEY DOCKET NO.
12/188,982	08/08/2008 RULE	348	2622	1370.252US1

APPLICANTS

Shmuel Shaffer, Palo Alto, CA;
Zeeshan Rahman Khan, Fremont, CA;

** CONTINUING DATA **********

** FOREIGN APPLICATIONS **********

** IF REQUIRED, FOREIGN FILING LICENSE GRANTED **
08/20/2008

Foreign Priority claimed	35 USC 119(a-d) conditions met	Verified and Acknowledged	Met after Allowance	STATE OR COUNTRY	SHEETS DRAWINGS	TOTAL CLAIMS	INDEPENDENT CLAIMS
☐ Yes ☑ No	☐ Yes ☑ No	/AMY R HSU/ Examiner's Signature	☐ Initials	CA	12	24	3

ADDRESS

SCHWEGMAN, LUNDBERG & WOESSNER, P.A.
P.O. BOX 2938
MINNEAPOLIS, MN 55402
UNITED STATES

TITLE

ACCESS TO VIDEO STREAMS ON MOBILE COMMUNICATION DEVICES

FILING FEE RECEIVED		
1290	FEES: Authority has been given in Paper No._____ to charge/credit DEPOSIT ACCOUNT No._____ for following:	☐ All Fees ☐ 1.16 Fees (Filing) ☐ 1.17 Fees (Processing Ext. of time) ☐ 1.18 Fees (Issue) ☐ Other _____ ☐ Credit

Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
	12188982	SHAFFER ET AL.
	Examiner	Art Unit
	AMY HSU	2622

SEARCHED			
Class	Subclass	Date	Examiner
348	192	1/11/12	ah

SEARCH NOTES		
Search Notes	Date	Examiner
class 455 search and keyword search	1/11/12	ah
update search	8/22/12	ah

INTERFERENCE SEARCH			
Class	Subclass	Date	Examiner

Index of Claims	Application/Control No.	Applicant(s)/Patent Under Reexamination
	12188982	SHAFFER ET AL.
	Examiner	Art Unit
	AMY HSU	2622

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

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

CLAIM		DATE								
Final	Original	01/11/2012	08/23/2012							
	1	✓	✓							
	2	✓	✓							
	3	✓	✓							
	4	✓	✓							
	5	✓	✓							
	6	✓	✓							
	7	✓	✓							
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	9	✓	✓							
	10	✓	✓							
	11	✓	✓							
	12	✓	✓							
	13	✓	✓							
	14	✓	✓							
	15	✓	✓							
	16	✓	✓							
	17	✓	✓							
	18	✓	✓							
	19	✓	✓							
	20	✓	✓							
	21	✓	✓							
	22	✓	✓							
	23	✓	✓							
	24	✓	✓							
	25		✓							

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	11	"188982".ap.	US-PGPUB; USPAT	OR	OFF	2012/01/11 14:49
S2	309225	"348".clas. or "455".clas.	US-PGPUB; USPAT	OR	OFF	2012/01/11 14:50
S3	1625	S2 and (select$4 same user same (communication near3 channel$1))	US-PGPUB; USPAT	OR	OFF	2012/01/11 14:50
S4	244	S2 and (select$4 near7 user near7 (communication near3 channel$1))	US-PGPUB; USPAT	OR	OFF	2012/01/11 14:51
S5	15	S2 and (select$4 near7 user near7 (communication near3 channel$1)) same video	US-PGPUB; USPAT	OR	OFF	2012/01/11 14:51
S6	15	S2 and (select$4 near7 user near7 (communication near3 channel$1)) same video and video	US-PGPUB; USPAT	OR	OFF	2012/01/11 14:52
S7	15	S2 and (select$4 near7 user near7 (communication near3 channel$1)) same video and (video same channel$1)	US-PGPUB; USPAT	OR	OFF	2012/01/11 14:52
S8	5	S2 and (select$4 near7 user near7 (communication near3 channel$1)) same video and (video same channel$1) and push$4	US-PGPUB; USPAT	OR	OFF	2012/01/11 14:55
S9	2	"20060293073" and (select$4 near3 channel$1)	US-PGPUB; USPAT	OR	OFF	2012/01/11 14:57
S10	3	S6 and talk	US-PGPUB; USPAT	OR	OFF	2012/01/11 14:58
S11	0	"20080036851" and ppt	US-PGPUB; USPAT	OR	OFF	2012/01/11 14:59
S12	0	"20080036851" and talk	US-PGPUB; USPAT	OR	OFF	2012/01/11 14:59
S13	2	"20080036851" and phone	US-PGPUB; USPAT	OR	OFF	2012/01/11 14:59
S14	1	"20100033580" and ppt	US-PGPUB; USPAT	OR	OFF	2012/01/11 15:00
S15	1	"20100033580" and push$4	US-PGPUB; USPAT	OR	OFF	2012/01/11 15:01
S16	107	((pushtotalk) ppt (push$4 adj2 talk))	US-	OR	OFF	2012/01/11

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		same channel$1 same video	PGPUB; USPAT			15:02
S17	14	((pushtotalk) ppt (push$4 adj2 talk)) same channel$1 same video and (user near3 select$4 near5 channel$1)	US-PGPUB; USPAT	OR	OFF	2012/01/11 15:03
S18	0	"20100033580" and subscription	US-PGPUB; USPAT	OR	OFF	2012/01/11 15:05
S19	1	"20100033580" and (user near2 policy)	US-PGPUB; USPAT	OR	OFF	2012/01/11 15:05
S20	1	"20100033580" and (policy)	US-PGPUB; USPAT	OR	OFF	2012/01/11 15:06
S21	2	"20060293073" and (user same channeL$2)	US-PGPUB; USPAT	OR	OFF	2012/01/11 15:13
S22	2	"20060293073" and (user near5 channeL$2)	US-PGPUB; USPAT	OR	OFF	2012/01/11 15:17
S23	1488	"20060293073" and ppt ptv	US-PGPUB; USPAT	OR	OFF	2012/01/11 15:19
S24	2	"20060293073" and (ppt ptv)	US-PGPUB; USPAT	OR	OFF	2012/01/11 15:19
S25	15	(ppt ptv) same (Emergency)	US-PGPUB; USPAT	OR	OFF	2012/01/11 15:21
S26	9	(ppt ptv) same (Emergency) and channel$1	US-PGPUB; USPAT	OR	OFF	2012/01/11 15:22
S27	7	(ppt ptv) same (Emergency) and channel$1 same select$4	US-PGPUB; USPAT	OR	OFF	2012/01/11 15:22
S28	5	(ppt ptv) same (Emergency) and channel$1 same select$4 same user$1	US-PGPUB; USPAT	OR	OFF	2012/01/11 15:22
S29	6	(ppt ptv) same (Emergency) and channel$1 same select$4 and user	US-PGPUB; USPAT	OR	OFF	2012/01/11 15:23
S30	1	"7783316".pn. and talk	US-PGPUB; USPAT	OR	OFF	2012/01/11 15:49
S31	0	"7783316".pn. and ptt	US-PGPUB; USPAT	OR	OFF	2012/01/11 15:49
S32	0	"20080036851" and policy	US-PGPUB; USPAT	OR	OFF	2012/01/11 16:44
S33	2	"20080036851" and user	US-PGPUB; USPAT	OR	OFF	2012/01/11 16:44
S34	2	"20080036851" and (service near3 provid$4)	US-PGPUB; USPAT	OR	OFF	2012/01/11 16:45
S35	1	"7783316".pn. and video	USPAT	OR	OFF	2012/01/11

						16:48
S36	1	"7783316".pn. and database	USPAT	OR	OFF	2012/01/11 16:50
S37	1	"7783316".pn. and (mobile near2 client) near5 transmit$4	USPAT	OR	OFF	2012/01/11 16:55
S38	1	"7783316".pn. and (mobile near2 client) near5 transmit$4 same receiv$4	USPAT	OR	OFF	2012/01/11 16:57
S39	1	"7783316".pn. and (mobile near2 client) near5 video	USPAT	OR	OFF	2012/01/11 16:58
S40	2042	"348".clas. and ((public near2 safety) or police or (emergency near2 response))	US-PGPUB; USPAT	OR	OFF	2012/01/11 17:06
S41	46	"348".clas. and ((public near2 safety) or police or (emergency near2 response)) same video same channel	US-PGPUB; USPAT	OR	OFF	2012/01/11 17:06
S42	23	"348".clas. and ((public near2 safety) or police or (emergency near2 response)) same video same channel and database	US-PGPUB; USPAT	OR	OFF	2012/01/11 17:06
S43	0	"20060215024" and mobile	US-PGPUB; USPAT	OR	OFF	2012/01/11 17:10
S44	1	"20060215024"	US-PGPUB; USPAT	OR	OFF	2012/01/11 17:10
S45	1	"20060215024" and wireless	US-PGPUB; USPAT	OR	OFF	2012/01/11 17:10
S46	1	"20050232352" and channel	US-PGPUB; USPAT	OR	OFF	2012/01/11 17:14
S47	1	"20050232352" and database	US-PGPUB; USPAT	OR	OFF	2012/01/11 17:14
S48	1	"20050232352" and surveillance	US-PGPUB; USPAT	OR	OFF	2012/01/11 17:16
S49	0	"20050232352" and ppt	US-PGPUB; USPAT	OR	OFF	2012/01/11 17:17
S50	0	"20050232352" and push$4	US-PGPUB; USPAT	OR	OFF	2012/01/11 17:17
S51	5	(US-20080036851-$ or US-20060293073-$ or US-20050232352-$).did. or (US-7499719-$ or US-7783316-$).did.	US-PGPUB; USPAT	OR	OFF	2012/01/11 17:54
S52	3	S51 and (radio near2 frequenc$4)	US-PGPUB; USPAT	OR	OFF	2012/01/11 17:55
S53	500	"348".clas. and (database same user same video same channel)	US-PGPUB; USPAT	OR	OFF	2012/01/11 18:55
S54	40	"348".clas. and (database near10 user near10 video same channel)	US-PGPUB; USPAT	OR	OFF	2012/01/11 18:57
S55	3	"348".clas. and (database near10 user near10 video same (communication near3	US-PGPUB;	OR	OFF	2012/01/11 18:58

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		channel))	USPAT			
S56	1	"20050232352" and (file near2 system)	US-PGPUB; USPAT	OR	OFF	2012/01/11 19:00
S57	5	(US-20080036851-$ or US-20060293073-$ or US-20050232352-$).did. or (US-7499719-$ or US-7783316-$).did.	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:06
S58	0	S57 and (talk near2 group)	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:07
S59	4	S57 and (talk nsame group)	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:07
S60	2	S57 and (talk same group)	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:07
S61	309225	"348".clas. or "455".clas.	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:10
S62	187	S61 and (policy near2 database)	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:10
S63	80	S61 and (policy near2 database) same (user)	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:11
S64	1	"7864716".pn. and (policy same database same user)	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:16
S65	163131	"348".clas. or "455".clas. and (radio near2 frequenc$4) same (geographic$4)	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:17
S66	161012	"348".clas. or "455".clas. and (radio near2 frequenc$4) same associat$4 same (geographic$4)	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:18
S67	309225	"348".clas. or "455".clas.	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:18
S68	390	S67 and ((radio near2 frequenc$4) same associat$4 same (geographic$4))	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:18
S69	63	S67 and ((radio near2 frequenc$4) near5 associat$4 same (geographic$4))	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:18
S70	18	S67 and ((radio near2 frequenc$4) near5 associat$4 same (geographic$4)) same channel$4	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:18
S71	1	S67 and (video) same((radio near2 frequenc$4) near5 associat$4 same (geographic$4)) same channel$4	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:20
S72	5	(US-20080036851-$ or US-20060293073-$ or US-20050232352-$).did. or (US-7499719-$ or US-7783316-$).did.	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:20
S73	3	S72 and (radio near2 frequenc$4)	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:20
S74	0	S73 and (geographic$4)	US-PGPUB;	OR	OFF	2012/01/11 20:20

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			USPAT			
S75	309225	"348".clas. or "455".clas.	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:21
S76	0	S75 and (video near10 associat$4 near10 geographic) same (radio near2 frequenc$4)	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:21
S77	30	S75 and (video near10 associat$4 near10 geographic)	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:21
S78	0	S75 and (video near10 associat$4 near10 geographic) same rf	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:21
S79	62	S75 and (video near10 associat$4 near10 geographic$4)	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:22
S80	5	S75 and (video near10 associat$4 near10 geographic$4) same radio	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:22
S81	65	S75 and (radio near2 frequenc$4) near5 associat$4 near5 (location geographic$4)	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:23
S82	72	S75 and (radio near2 frequenc$4) near5 associat$4 near5 (location geographic$4 region)	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:23
S83	74	S75 and (radio near2 frequenc$4) near5 associat$4 near5 (location geographic$4 region zone)	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:23
S84	74	S75 and (radio near2 frequenc$4) near5 associat$4 near5 (location geographic$4 region zone$1)	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:23
S85	8	S75 and (radio near2 frequenc$4) near5 associat$4 near5 (location geographic$4 region zone$1) same video	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:23
S86	48	S75 and (radio near2 frequenc$4) near5 associat$4 near5 (location geographic$4 region zone$1) and video	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:24
S87	38	S75 and (rf) near5 associat$4 near5 (location geographic$4 region zone$1) and video	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:26
S88	131	S75 and (radio near2 frequenc$4) near5 (geographic$4 zone$1) and video	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:27
S89	6	S75 and (radio near2 frequenc$4) near5 (geographic$4 zone$1) same video	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:27
S90	3083	(radio near2 frequenc$4) near10 (geographic$4 zone$4)	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:30
S91	33	(radio near2 frequenc$4) near10 (geographic$4 zone$4) same video	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:30
S92	1	"7783316".pn. and radio	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:36
S93	0	"7783316".pn. and radio near3 frequenc$4	US-PGPUB;	OR	OFF	2012/01/11 20:36

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			USPAT			
S94	1	"7783316".pn. and rf	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:36
S95	23	(radio near2 frequenc$4) near5 associat$4 near5 (geographic$4)	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:37
S96	14	(radio near2 frequenc$4) near5 associat$4 near5 (geographic$4) and video	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:37
S97	1	"20050232352" and (audio near3 event)	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:49
S98	7	(US-20080036851-$ or US-20060293073-$ or US-20050232352-$ or US-20070015518-$).did. or (US-7499719-$ or US-7783316-$ or US-7864716-$).did.	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:59
S99	3	S98 and gps	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:59
S100	2	S98 and gps same video	US-PGPUB; USPAT	OR	OFF	2012/01/11 21:05
S101	5	"348".clas. and (receiv$4 near5 video near5 based near5 gps)	US-PGPUB; USPAT	OR	OFF	2012/01/11 21:07
S102	2	"20060154156"	US-PGPUB; USPAT	OR	OFF	2012/01/13 16:39
S103	1	"12188982"	US-PGPUB; USPAT	OR	OFF	2012/08/22 14:35
S104	1	"12188982" and relevant	US-PGPUB; USPAT	OR	OFF	2012/08/22 14:35
S105	2	"20080036851" and pertinent$4	US-PGPUB; USPAT	OR	OFF	2012/08/22 14:37
S106	2	"20080036851" and relevant$4	US-PGPUB; USPAT	OR	OFF	2012/08/22 14:38
S107	0	"20080036851" and interest$4	US-PGPUB; USPAT	OR	OFF	2012/08/22 14:38
S108	0	"20080036851" and preference$4	US-PGPUB; USPAT	OR	OFF	2012/08/22 14:38
S109	0	"455".clas. and (provid$4 near4 access$4 near4 relevant44)	USPAT	OR	OFF	2012/08/22 14:39
S110	25	"455".clas. and (provid$4 near4 access$4 near4 relevant$4)	USPAT	OR	OFF	2012/08/22 14:39
S111	0	"455".clas. and (provid$4 near4 access$4 near4 relevant$4) same video	USPAT	OR	OFF	2012/08/22 14:41
S112	25	"455".clas. and (provid$4 near4 access$4 near4 relevant$4)	USPAT	OR	OFF	2012/08/22 14:41
S113	0	"455".clas. and (provid$4 near4 access$4	USPAT	OR	OFF	2012/08/22

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		near4 pertinent$4 near3 user)				18:53
S114	0	"455".clas. and (provid$4 near4 access$4 near4 pertinent$4 near3 user)	US-PGPUB; USPAT	OR	OFF	2012/08/22 18:53
S115	3	"455".clas. and (provid$4 near4 access$4 same pertinent$4 near3 user)	US-PGPUB; USPAT	OR	OFF	2012/08/22 18:53
S116	30	"455".clas. and (provid$4 near4 access$4 same interest near3 user)	US-PGPUB; USPAT	OR	OFF	2012/08/22 18:54
S117	1	"455".clas. and (provid$4 near4 access$4 same interest near3 user) same video$4	US-PGPUB; USPAT	OR	OFF	2012/08/22 18:54
S118	3	"455".clas. and (access$4 near4 video same interest near3 user)	US-PGPUB; USPAT	OR	OFF	2012/08/22 19:01
S119	798	"455".clas. and (mobile same communication same channel same video)	US-PGPUB; USPAT	OR	OFF	2012/08/22 19:02
S120	82	"455".clas. and (mobile same communication same channel same video) and ((relevant interest preference) near2 user)	US-PGPUB; USPAT	OR	OFF	2012/08/22 19:02
S121	7	"455".clas. and (mobile same communication same channel same video) and ((relevant interest preference) near2 user) same video same (provid$4 access$4)	US-PGPUB; USPAT	OR	OFF	2012/08/22 19:02
S122	7	"455".clas. and (mobile same communication same channel same video) and ((relevant interest preference) near2 user) same video same (provid$4 access$4)	US-PGPUB; USPAT	OR	OFF	2012/08/22 23:18
S123	1	"455".clas. and (access$4 near3 video) same (interest near3 user)	US-PGPUB; USPAT	OR	OFF	2012/08/22 23:28
S124	18	"455".clas. and (mobile same communication same channel same video) and ((relevant interest preference) near2 user) same video	US-PGPUB; USPAT	OR	OFF	2012/08/22 23:36
S125	7	"455".clas. and (mobile same communication same channel same video) and ((relevant interest preference) near2 user) same video same (provid$4 access$4)	US-PGPUB; USPAT	OR	OFF	2012/08/22 23:36
S126	11	S124 not S125	US-PGPUB; USPAT	OR	OFF	2012/08/22 23:36
S127	1	"20090082038"	US-PGPUB; USPAT	OR	OFF	2012/08/22 23:45
S128	1	"20090082038" and private near3 channel$4	US-PGPUB; USPAT	OR	OFF	2012/08/22 23:46
S129	1	"20090082038" and private near3 channel$4 same video	US-PGPUB; USPAT	OR	OFF	2012/08/22 23:46

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8/23/2012 8:44:56 AM
C:\Users\ahsu1\Documents\EAST\Workspaces\12_188982.wsp

Motorola Solutions, Inc., Ex1003, p. 259

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Shmuel Shaffer et al.	Examiner: Amy Hsu
Serial No.:	12/188,982	Group Art Unit: 2622
Filed:	August 8, 2008	Docket No.: 1370.252US1
Customer No.:	21186	Confirmation No.: 6073
Title:	ACCESS TO VIDEO STREAMS ON MOBILE COMMUNICATION DEVICES	

AMENDMENT & RESPONSE UNDER 37 C.F.R. § 1.111

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

In response to the Office Action dated January 20, 2012, please amend the application as follows:

This response is accompanied by a Petition, as well as the appropriate fee, to obtain a one-month extension of the period for responding to the Office action, thereby moving the deadline for response from April 20, 2012 to May 20, 2012.

IN THE CLAIMS

Please amend the claims as follows:

1. (Currently Amended) A method comprising:

monitoring a selection of a communication channel by a user of a mobile communication device;

identifying at least one video feed associated with the selected communication channel; and

providing access to the identified at least one video feed to the mobile communication device ~~to the identified at least one video feed~~, wherein providing the access is based on a user policy that identifies one or more video feeds that are relevant to the user when the user accesses the selected communication channel.

2. (Original) The method of claim 1, wherein providing access comprises associating the identified video feed with the mobile communication device.

3. (Original) The method of claim 1, further comprising:

accessing a database to identify a plurality of members of an emergency response team; and

presenting a plurality of available video feeds on a display of the mobile communication device, the plurality of available video feeds including video streams associated with the plurality of members of the emergency response team.

4. (Original) The method of claim 3, wherein the available video feeds are sourced from a group of surveillance cameras.

5. (Original) The method of claim 1, wherein the communication channel is a Push-To-Talk (PTT) channel in a PTT communication network and the mobile communication device is a PTT radio.

6. (Original) The method of claim 1, further comprising:

accessing a database to identify a group of video feeds associated with the user; and

when the user selects the communication channel, providing access to the group of video feeds associated with the user to one or more other users of communication channel.

7. (Original) The method of claim 1, further comprising:

providing a plurality of radio frequencies on a display of the mobile communication device, each radio frequency being associated with a geographical zone;

monitoring selection of a radio frequency of the plurality of radio frequencies by the user; and

providing access to a plurality of video feeds associated with the geographical zone.

8. (Original) The method of claim 1, further comprising:

monitoring an audio signal generated in proximity to a video camera providing the video feed;

processing the audio signal to identify an audio event; and

based on the identified audio event, providing access to the video feed to a plurality of mobile communication devices in a group of mobile communication devices.

9. (Original) The method of claim 1, wherein the communication channel is associated with a Virtual Talk Group (VTG).

10. (Original) The method of claim 1, wherein providing access to the video feeds depends on a video association policy.

11. (Original) The method of claim 10, wherein the video association policy includes role of the user defined in a policy database.

12. (Original) The method of claim 1, further comprising:

identifying a geographical location of a local mobile communication device using a Global Positioning System;

identifying at least one video feed associated with the geographical location;

associating the video feed with other mobile communication devices set to the same channel as the local mobile communication device; and

automatically rendering access to the at least one video feed to the other mobile communication devices.

13. (Currently Amended) An apparatus, comprising:

at least one processor; and

a memory in communication with the at least one processor, the memory being configured to store a video stream association module executable by the at least one processor, and the video stream association module being executed by the at least one processor ~~causes~~ to cause operations to be performed, the operations comprising:

monitoring a selection of a communication channel by a user of a mobile communication device;

identifying at least one video feed associated with the selected communication channel; and

providing access to the identified at least one video feed to the mobile communication device, ~~to the identified at least one video feed~~ wherein providing the access is based on a user policy that identifies one or more video feeds that are relevant to the user when the user accesses the selected communication channel.

14. (Original) The apparatus of claim 13, wherein providing access comprises associating the identified video feed with the mobile communication device.

15. (Original) The apparatus of claim 13, wherein the operations further comprise:

accessing a database to identify a plurality of members of an emergency response team; and

presenting a plurality of available video feeds on a display of the mobile communication device, the plurality of available video feeds including video streams associated with the plurality of members of the emergency response team.

16. (Original) The apparatus of claim 15, wherein the available video feeds are sourced from a group of surveillance cameras.

17. (Original) The apparatus of claim 13, wherein the communication channel is a Push-To-Talk (PTT) channel in a PTT communication network and the mobile communication device is a PTT radio.

18. (Original) The apparatus of claim 13, wherein the operations further comprise:

accessing a database to identify a group of video feeds associated with the user; and

when the user selects the communication channel, providing access to the group of video feeds associated with the user to one or more other users of communication channel.

19. (Original) The apparatus of claim 13, wherein the operations further comprise:

providing a plurality of radio frequencies on a display of the mobile communication device, each radio frequency being associated with a geographical zone;

monitoring selection of a radio frequency of the plurality of radio frequencies by the user; and

providing access to a plurality of video feeds associated with the geographical zone.

20. (Original) The apparatus of claim 13, wherein the operations further comprise:

monitoring an audio signal generated in proximity to a video camera providing the video feed;

processing the audio signal to identify an audio event; and

based on the identified audio event, providing access to the video feed to a plurality of mobile communication devices in a group of mobile communication devices.

21. (Original) The apparatus of claim 13, wherein the communication channel is associated with a Virtual Talk Group (VTG).

22. (Original) The apparatus of claim 13, wherein providing access to the video feed depends on a video association policy, the video association policy including a role of the user defined in a policy database.

23. (Original) The apparatus of claim 13, further comprising:

identifying a geographical location of a local mobile communication device using a Global Positioning System;

identifying at least one video feed associated with the geographical location;

associating the video feed with other mobile communication devices set to the same channel as the local mobile communication device; and

automatically rendering access to the at least one video feed to the other mobile communication devices.

24. (Currently Amended) ~~Apparatus~~ An apparatus comprising:

a monitor module to monitor a selection of a communication channel by a user of a mobile communication device;

a channel identifier module to identify at least one video feed associated with the selected communication channel; and

means for providing access to the identified at least one video feed to the mobile communication device ~~to the identified at least one video feed~~, wherein providing the access is based on a user policy that identifies one or more video feeds that are relevant to the user when the user accesses the selected communication channel.

25. (New) The method of claim 1, wherein the selected communication channel is a selected audio communication channel that is selected from a plurality of audio communication channels, the at least one video feed being associated with the selected audio communication channel, and the user policy identifying the one or more video feeds that are relevant to the user when the user accesses the selected audio communication channel.

REMARKS

This responds to the Office Action dated January 20, 2012.

Claims 1-24 are pending in the present application. By this amendment, claims 1, 13, and 24 have been amended, and claim 25 has been added. Accordingly, claims 1-25 are currently under consideration with respect to this amendment. Applicant respectfully submits that these claims are allowable.

Support for claims amendments and new claims can be found, for example, at paragraphs 12, 32, 37, 39, 44 and 46 and at claim 6. Certain claims have been amended to improve formal structure. No new matter has been added.

The Rejection of Claims Under § 102

Claims 1-2, 13-14, 24 are rejected under 35 U.S.C. § 102(e) as being anticipated by Patel (US 2008/0036851). Applicant respectfully submits that the claims, as amended, are allowable over the cited references and all references of record.

Independent claim 1, as amended, recites *"providing access to the identified at least one video feed to the mobile communication device, wherein providing the access is based on a user policy that identifies one or more video feeds that are relevant to the user when the user accesses the selected communication channel."* These limitations are not disclosed or suggested by the cited reference. Patel merely discloses "an example method 280 for receiving channel selection by the wireless communication device 110 and delivering television content to the wireless communication device 110 by the wireless access device 120."[1] In particular, Patel does not disclose or suggest "*a user policy that identifies one or more video feeds that are relevant to the user when the user accesses the selected communication channel.*"

The above-cited characteristic features as recited in claim 1 are not disclosed or suggested by the cited reference. Therefore, claim 1 is allowable over the cited reference. Because they depend directly or indirectly from claim 1, claims 2-12 and 25 are likewise allowable over the cited reference.

[1] Patel, [0023].

Independent claim 13, as amended, recites *"providing access to the identified at least one video feed to the mobile communication device, wherein providing the access is based on a user policy that identifies one or more video feeds that are relevant to the user when the user accesses the selected communication channel."* As discussed above with respect to claim 1, these limitations are not disclosed or suggested by the cited reference. Therefore, claim 13 is allowable over the cited reference. Because they depend directly or indirectly from claim 13, claims 14-23 are likewise allowable over the cited reference.

Independent claim 24, as amended, recites *"means for providing access to the identified at least one video feed to the mobile communication device, wherein providing the access is based on a user policy that identifies one or more video feeds that are relevant to the user when the user accesses the selected communication channel."* As discussed above with respect to claim 1, these limitations are not disclosed or suggested by the cited reference. Therefore, claim 24 is allowable over the cited reference.

Applicant respectfully requests that the above-cited rejections under 35 U.S.C. § 102(e) be withdrawn.

Applicant submits that these claims are distinguishable over the cited references and all references of record.

The Rejection of Claims Under § 103

Claims 3-4, 6, 8, 15-16, 18, 20 are rejected under 35 U.S.C. § 103(a) as being unpatentable over Patel (US 2008/0036851) in view of Siemens (US 2005/0232352). Claims 5, 9, 17, 21 are rejected under 35 U.S.C. § 103(a) as being unpatentable over Patel (US 2008/0036851) in view of Rengaraju et al. (US 2006/0293073). Claims 10-11, 22 are rejected under 35 U.S.C. § 103(a) as being unpatentable over Patel (US 2008/0036851) in view of Manrao et al. (US 7864716). Claims 7, 12, 19, 23 are rejected under 35 U.S.C. § 103(a) as being unpatentable over Patel (US 2008/0036851) in view of Winter et al. (US 2007/0015518).

As discussed above, each of these claims is allowable at least because its independent base claim is allowable. Applicant respectfully requests that the above-cited rejections under 35 U.S.C. § 103(a) be withdrawn.

Applicant submits that these claims are distinguishable over the cited references and all references of record.

CONCLUSION

Applicant respectfully submits that the claims are in condition for allowance, and notification to that effect is earnestly requested. The Examiner is invited to telephone Applicant's representative at (415) 202-3238 to facilitate prosecution of this application.

If necessary, please charge any additional fees or deficiencies, or credit any overpayments to Deposit Account No. 19-0743.

Respectfully submitted,

SCHWEGMAN, LUNDBERG & WOESSNER, P.A.
P.O. Box 2938
Minneapolis, MN 55402--0938
(415) 202-3238

Date May 21, 2012 By /Robert E. Scheid/

Robert E. Scheid
Reg. No. 42,126

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Shmuel Shaffer et al.	Examiner:	Amy Hsu
Serial No.:	12/188,982	Group Art Unit:	2622
Filed:	August 8, 2008	Docket:	1370.252US1
Customer No.:	21186	Confirmation No.:	6073
Title:	ACCESS TO VIDEO STREAMS ON MOBILE COMMUNICATION DEVICES		

PETITION FOR A ONE-MONTH EXTENSION OF TIME

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

In accordance with the provision of 37 C.F.R § 1.136(a), it is respectfully requested that a one-month extension of time be granted in which to respond to the Non-Final Office Action mailed January 20, 2012, said period of response being extended from April 20, 2012 to May 20, 2012 (Sunday).

Please charge Deposit Account No. 19-0743 in the amount of $150.00 to cover the required extension fee. Please charge any additional fees or credit overpayment to deposit Account No. 19-0743.

Respectfully submitted,

SCHWEGMAN, LUNDBERG & WOESSNER, P.A.
P.O. Box 2938
Minneapolis, MN 55402
(415) 202-3238

Date May 21, 2012 By /Robert E. Scheid/

Robert E. Scheid
Reg. No. 42,126

Electronic Patent Application Fee Transmittal

Application Number:	12188982
Filing Date:	08-Aug-2008
Title of Invention:	ACCESS TO VIDEO STREAMS ON MOBILE COMMUNICATION DEVICES
First Named Inventor/Applicant Name:	Shmuel Shaffer
Filer:	Michael L. Lynch./Jonathan Ferguson
Attorney Docket Number:	1370.252US1

Filed as Large Entity

Utility under 35 USC 111(a) Filing Fees

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Basic Filing:				
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				
Extension - 1 month with $0 paid	1251	1	150	150

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Miscellaneous:				
		Total in USD ($)		**150**

Electronic Acknowledgement Receipt

EFS ID:	12829769
Application Number:	12188982
International Application Number:	
Confirmation Number:	6073
Title of Invention:	ACCESS TO VIDEO STREAMS ON MOBILE COMMUNICATION DEVICES
First Named Inventor/Applicant Name:	Shmuel Shaffer
Customer Number:	21186
Filer:	Michael L. Lynch./Jonathan Ferguson
Filer Authorized By:	Michael L. Lynch.
Attorney Docket Number:	1370.252US1
Receipt Date:	21-MAY-2012
Filing Date:	08-AUG-2008
Time Stamp:	19:06:11
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	$150
RAM confirmation Number	6290
Deposit Account	190743
Authorized User	
The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows: Charge any Additional Fees required under 37 C.F.R. Section 1.16 (National application filing, search, and examination fees) Charge any Additional Fees required under 37 C.F.R. Section 1.17 (Patent application and reexamination processing fees)	

Charge any Additional Fees required under 37 C.F.R. Section 1.19 (Document supply fees)	
Charge any Additional Fees required under 37 C.F.R. Section 1.20 (Post Issuance fees)	
Charge any Additional Fees required under 37 C.F.R. Section 1.21 (Miscellaneous fees and charges)	

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		1370-252US1_RESPONSE_FILED_05-21-12.pdf	203235 16468adb0a41ab4758c9c68461ac9e89373373b8	yes	12

Multipart Description/PDF files in .zip description

Document Description	Start	End
Miscellaneous Incoming Letter	1	1
Amendment/Req. Reconsideration-After Non-Final Reject	2	2
Claims	3	8
Applicant Arguments/Remarks Made in an Amendment	9	11
Extension of Time	12	12

Warnings:

Information:

2	Fee Worksheet (SB06)	fee-info.pdf	30282 58ab9ce37fc0fdb91cbe42fd9000f4247f9cb284	no	2

Warnings:

Information:

Total Files Size (in bytes):	233517

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

New Applications Under 35 U.S.C. 111
If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

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

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

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Shmuel Shaffer et al.

Title: ACCESS TO VIDEO STREAMS ON MOBILE COMMUNICATION DEVICES

Docket No.:	1370.252US1	Serial No.:	12/188,982
Filed:	August 8, 2008	Due Date:	April 20, 2012
Examiner:	Amy Hsu	Group Art Unit:	2622
Customer No.:	21186	Confirmation No.:	6073

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

We are transmitting herewith the following attached items (as indicated with an "X"):

X Amendment and Response under 37 C.F.R. § 1.111 (10 pgs.)
X Petition for Extension of Time (1 pg.), including authorization to charge Deposit Account 19-0743 in the amount of $150.00 to cover the Extension of Time Fee.
X Authorization to charge Deposit Account 19-0743 in the amount of $60.00 to cover the fee for additional claims.

The fee for additional claims has been calculated as follows:

CLAIMS AS AMENDED						
	Claims Remaining After Amendment		**Highest Number Previously Paid For**	**Present Extra**	**Rate**	**Fee**
TOTAL CLAIMS	**25**	**-**	**24**	**1**	**x 60.00 =**	**60.00**
INDEPENDENT CLAIMS	**3**	**-**	**3**	**0**	**x 250.00 =**	**0.00**
[] MULTIPLE DEPENDENT CLAIMS PRESENTED						**0.00**
TOTAL						**60.00**

If not provided for in a separate paper filed herewith, please consider this a PETITION FOR EXTENSION OF TIME for sufficient number of months to enter these papers and please charge any additional fees or credit overpayment to Deposit Account No. 19-0743.

SCHWEGMAN, LUNDBERG & WOESSNER, P.A.
Customer No.: 21186

By: /Robert E. Scheid/
Robert E. Scheid
Reg. No. 42,126

Electronic Acknowledgement Receipt	
EFS ID:	12829769
Application Number:	12188982
International Application Number:	
Confirmation Number:	6073
Title of Invention:	ACCESS TO VIDEO STREAMS ON MOBILE COMMUNICATION DEVICES
First Named Inventor/Applicant Name:	Shmuel Shaffer
Customer Number:	21186
Filer:	Michael L. Lynch./Jonathan Ferguson
Filer Authorized By:	Michael L. Lynch.
Attorney Docket Number:	1370.252US1
Receipt Date:	21-MAY-2012
Filing Date:	08-AUG-2008
Time Stamp:	19:06:11
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	$150
RAM confirmation Number	6290
Deposit Account	190743
Authorized User	
The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows: Charge any Additional Fees required under 37 C.F.R. Section 1.16 (National application filing, search, and examination fees) Charge any Additional Fees required under 37 C.F.R. Section 1.17 (Patent application and reexamination processing fees)	

Charge any Additional Fees required under 37 C.F.R. Section 1.19 (Document supply fees)	
Charge any Additional Fees required under 37 C.F.R. Section 1.20 (Post Issuance fees)	
Charge any Additional Fees required under 37 C.F.R. Section 1.21 (Miscellaneous fees and charges)	

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		1370-252US1_RESPONSE_FILED_05-21-12.pdf	203235 16468adb0a41ab4758c9c68461ac9e89373373b8	yes	12

Multipart Description/PDF files in .zip description

Document Description	Start	End
Miscellaneous Incoming Letter	1	1
Amendment/Req. Reconsideration-After Non-Final Reject	2	2
Claims	3	8
Applicant Arguments/Remarks Made in an Amendment	9	11
Extension of Time	12	12

Warnings:

Information:

2	Fee Worksheet (SB06)	fee-info.pdf	30282 58ab9ce37fc0fdb91cbe42fd9000f4247f9cb284	no	2

Warnings:

Information:

Total Files Size (in bytes):	233517

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New International Application Filed with the USPTO as a Receiving Office
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Electronic Patent Application Fee Transmittal

Application Number:	12188982
Filing Date:	08-Aug-2008
Title of Invention:	ACCESS TO VIDEO STREAMS ON MOBILE COMMUNICATION DEVICES
First Named Inventor/Applicant Name:	Shmuel Shaffer
Filer:	Michael L. Lynch./Jonathan Ferguson
Attorney Docket Number:	1370.252US1

Filed as Large Entity

Utility under 35 USC 111(a) Filing Fees

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Basic Filing:				
Pages:				
Claims:				
Claims in excess of 20	1202	1	60	60
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Miscellaneous:				
			Total in USD ($)	**60**

Electronic Acknowledgement Receipt

EFS ID:	12829776
Application Number:	12188982
International Application Number:	
Confirmation Number:	6073
Title of Invention:	ACCESS TO VIDEO STREAMS ON MOBILE COMMUNICATION DEVICES
First Named Inventor/Applicant Name:	Shmuel Shaffer
Customer Number:	21186
Filer:	Michael L. Lynch./Jonathan Ferguson
Filer Authorized By:	Michael L. Lynch.
Attorney Docket Number:	1370.252US1
Receipt Date:	21-MAY-2012
Filing Date:	08-AUG-2008
Time Stamp:	19:07:02
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	$60
RAM confirmation Number	6298
Deposit Account	190743
Authorized User	
The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows: Charge any Additional Fees required under 37 C.F.R. Section 1.16 (National application filing, search, and examination fees) Charge any Additional Fees required under 37 C.F.R. Section 1.17 (Patent application and reexamination processing fees)	

Charge any Additional Fees required under 37 C.F.R. Section 1.19 (Document supply fees) Charge any Additional Fees required under 37 C.F.R. Section 1.20 (Post Issuance fees) Charge any Additional Fees required under 37 C.F.R. Section 1.21 (Miscellaneous fees and charges)

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Fee Worksheet (SB06)	fee-info.pdf	30169 2b581d51ba29603e3a71bfbb8ffff073d262bf29	no	2

Warnings:	
Information:	
Total Files Size (in bytes):	30169

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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PTO/SB/06 (07-06)
Approved for use through 1/31/2007. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PATENT APPLICATION FEE DETERMINATION RECORD

Substitute for Form PTO-875

Application or Docket Number	Filing Date	☐ To be Mailed
12/188,982	08/08/2008	

APPLICATION AS FILED – PART I

	(Column 1)	(Column 2)	SMALL ENTITY ☐		OR	OTHER THAN SMALL ENTITY	
FOR	NUMBER FILED	NUMBER EXTRA	RATE ($)	FEE ($)		RATE ($)	FEE ($)
☐ BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A			N/A	
☐ SEARCH FEE (37 CFR 1.16(k), (i), or (m))	N/A	N/A	N/A			N/A	
☐ EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A			N/A	
TOTAL CLAIMS (37 CFR 1.16(i))	minus 20 =	*	X $ =		OR	X $ =	
INDEPENDENT CLAIMS (37 CFR 1.16(h))	minus 3 =	*	X $ =			X $ =	
☐ APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is $250 ($125 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			TOTAL	

APPLICATION AS AMENDED – PART II

AMENDMENT	05/21/2012	(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	SMALL ENTITY RATE ($)	ADDITIONAL FEE ($)	OR	OTHER THAN SMALL ENTITY RATE ($)	ADDITIONAL FEE ($)
	Total (37 CFR 1.16(i))	* 25	Minus	** 24	= 1	X $ =		OR	X $60=	60
	Independent (37 CFR 1.16(h))	* 3	Minus	***4	= 0	X $ =		OR	X $250=	0
	☐ Application Size Fee (37 CFR 1.16(s))									
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							OR		
						TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	**60**

AMENDMENT		(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	RATE ($)	ADDITIONAL FEE ($)	OR	RATE ($)	ADDITIONAL FEE ($)
	Total (37 CFR 1.16(i))	*	Minus	**	=	X $ =		OR	X $ =	
	Independent (37 CFR 1.16(h))	*	Minus	***	=	X $ =		OR	X $ =	
	☐ Application Size Fee (37 CFR 1.16(s))									
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							OR		
						TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".

*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".

The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

Legal Instrument Examiner:
/CHRISTINE V. MOORE/

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
12/188,982	08/08/2008	Shmuel Shaffer	1370.252US1	6073

21186 7590 01/20/2012

SCHWEGMAN, LUNDBERG & WOESSNER, P.A.
P.O. BOX 2938
MINNEAPOLIS, MN 55402

EXAMINER	
HSU, AMY R	
ART UNIT	PAPER NUMBER
2622	

NOTIFICATION DATE	DELIVERY MODE
01/20/2012	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):

uspto@slwip.com
request@slwip.com

Office Action Summary	Application No.	Applicant(s)	
	12/188,982	SHAFFER ET AL.	
	Examiner	Art Unit	
	AMY HSU	2622	

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

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE *3* MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

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

Status

1)☒ Responsive to communication(s) filed on *17 March 2011*.

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

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

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

Disposition of Claims

5)☒ Claim(s) *1-24* is/are pending in the application.

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

6)☐ Claim(s) _____ is/are allowed.

7)☒ Claim(s) *1-24* is/are rejected.

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

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

Application Papers

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

11)☒ The drawing(s) filed on *08 August 2008* is/are: a)☒ accepted or b)☐ objected to by the Examiner.

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

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

12)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

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

a)☐ All b)☐ Some * c)☐ None of:

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

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

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

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

Attachment(s)

1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☐ Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date _____.
4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ .
5) ☐ Notice of Informal Patent Application
6) ☐ Other: _____.

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

> A person shall be entitled to a patent unless –
>
> (e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. Claims 1-2, 13-14, 24 are rejected under 35 U.S.C. 102(e) as being anticipated by Patel (US 2008/0036851).

Regarding Claim 1, Patel teaches a method comprising: monitoring selection of a communication channel by a user of a mobile communication device (*paragraph 23 teaches receiving channel selection by wireless communication device)*; identifying at least one video feed associated with the selected channel; and providing access to the mobile communication device to the identified at least one video feed (*paragraphs 23-24 describe providing the video data associated with the selected channel to wireless communication device)*, wherein providing the access is based on a user policy (*paragraph 15 teaches the access is via a service provider and is thus based on the associated user policy of the service provider)*.

Regarding Claim 2, Patel teaches the method of claim 1, wherein providing access comprises associating the identified video feed with the mobile communication

device (*paragraphs 23-24 teaches associating the video feed with the mobile communication device by delivering the video data to the mobile device*.

Claims 13-14, 24 rejected similarly.

Claim Rejections - 35 USC § 103

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negatived by the manner in which the invention was made.

4. Claims 3-4, 6, 8, 15-16, 18, 20 rejected under 35 U.S.C. 103(a) as being unpatentable over Patel (US 2008/0036851) in view of Siemens (US 2005/0232352).

Regarding Claim 3, Patel teaches the method of claim 1, but does not teach applying the method of claim 1 in the specific area of emergency response including accessing a database to identify a plurality of members of an emergency response team; and presenting a plurality of available video feeds on a display of the mobile communication device, the plurality of available video feeds including video streams associated with the plurality of members of the emergency response team. However, it is well known to use a video communication system for the purpose of emergency response such as to police patrol cars as taught in Siemens. In Fig. 4, Siemens teaches a database identifying patrol cars, 452,454, 456, and 458. The monitor 170 also displays available video feeds and the feeds correspond to video streams from 4 police cars. One of ordinary skill in the art would realize the invention taught by Patel

which allows a mobile user to select channels with the capability of Siemens to have video associated with different police cars and to combine such that mobile users may select video associated with different police cars. It is readily foreseen that a user wishes to select video based on particulars of the video such as location of the video or who shot the video. Thus given the two teachings, it would be obvious to realize allowing a user to select video based on the police car that the video came from. It would have been obvious to one of ordinary skill in the art at the time of the invention to modify the teaching of Patel with that of Siemens to realize the use of video communication via channels corresponding to different video feeds in the area of emergency response such as among a police department. This would be obvious because police activity and other emergency response activity benefits from video communication for various reasons like evidence gathering or spreading critical information quickly.

Regarding Claim 4, Patel teaches the method of claim 3, wherein the available video feeds are sourced from a group of surveillance cameras. Siemens further teaches the video feeds are from surveillance system in a patrol vehicle. It would have been obvious to one of ordinary skill in the art at the time of the invention to modify the teaching of Patel with that of Siemens for the reason above.

Claim 6 is rejected similarly to claim 3 where Patel teaches allowing a user to select a channel associated with a video and Siemens teaches in Fig. 4 a database to identify a set of video with a certain user. Similar to the rationale of claim 3, it would have been obvious to one of ordinary skill in the art at the time of the invention to

combine Patel with Siemens to realize allowing a mobile user to select and receive video based on the user that captured the video.

Regarding Claim 8, Patel teaches the method of claim 1, but does not teach associated audio signal. Siemens teaches monitoring an audio signal generated in proximity to a video camera providing the video feed; processing the audio signal to identify an audio event; and based on the identified audio event, providing access to the video feed to a plurality of mobile communication devices in a group of mobile communication devices (*paragraph 39)*. It would have been obvious to one of ordinary skill in the art at the time of the invention to modify the teaching of Patel with that of Siemens to realize use of audio to detect events since audio requires less data it is faster to process for events that can be readily identified by sounds.

Claims 15-16, 18, 20 are rejected similarly to claims 3-4, 6, 8.

5. Claims 5, 9, 17, 21 rejected under 35 U.S.C. 103(a) as being unpatentable over Patel (US 2008/0036851) in view of Rengaraju et al. (US 2006/0293073).

Regarding Claim 5, Patel teaches the method of claim 1, but does not teach the communication channel is a Push-To-Talk (PTT) channel in a PTT communication network and the mobile communication device is a PTT radio. One of ordinary skill in the art recognizes PTT as a widely used type of communication device where the advantage is initiate and send data with just a push of a key. Rengaraju teaches use of such device in video communication in paragraph 30 with push to video or push to talk device and system. It would have been obvious to one of ordinary skill in the art at the

time of the invention to modify the teaching of Patel with that of Rengaraju to realize push to talk device in video communication system in order to decrease the time to initiate and send data.

Regarding Claim 9, Patel teaches the method of claim 1, but does not teach the communication channel is associated with a Virtual Talk Group (VTG). Renegaraju further teaches push to talk to communicate with a talk group with a push of a key, in paragraph 30. It would have been obvious to one of ordinary skill in the art at the time of the invention to modify the teaching of Patel with Renegaraju similar to claim 5.

Claims 17, 21 rejected similarly to claim 5, 9.

6. Claims 10-11, 22 rejected under 35 U.S.C. 103(a) as being unpatentable over Patel (US 2008/0036851) in view of Manrao et al. (US 7864716).

Regarding Claims 10-11, Patel teaches the method of claim 1, but does not teach wherein providing access to the video feeds depends on a video association policy which includes role of the user defined in a policy database. Such policies are well known in talk group management as taught by Manroa with one example in Figure 8a-8b. It would have been obvious to one of ordinary skill in the art at the time of the invention to modify the teaching of Patel with that of Manroa to implement database policy or protocol for effective management of the communication system.

Claim 22 rejected similarly.

7. Claims 7, 12, 19, 23 rejected under 35 U.S.C. 103(a) as being unpatentable over Patel (US 2008/0036851) in view of Winter et al. (US 2007/0015518).

Regarding Claim 7, Patel teaches the method of claim 1, but does not teach a plurality of radio frequencies on a display of the mobile communication device, each associated with a geographical zone; monitoring selection of a radio frequency of the plurality of radio frequencies by the user; and providing access to a plurality of video feeds associated with the geographical zone. Winter teaches in Fig. 2 teaches radio frequency for certain geographic area and determining customer location. It would have been obvious to one of ordinary skill in the art at the time of the invention to modify the teaching of Patel with that of Winter to realize monitoring radio frequency to determine geographic zone and providing data accordingly in order to provide specifically relevant data to a user based on location.

Claim 19 rejected similarly.

Regarding Claim 12, Patel teaches the method of claim 1, but does not teach: identifying a geographical location of a local mobile communication device using a GPS; identifying at least one video feed associated with the geographical location; associating the video feed with other mobile communication devices set to the same channel as the local mobile communication device; and automatically rendering access to the at least one video feed to the other mobile communication devices. Winter teaches determining physical location by monitoring GPS signal of a communication device and providing data accordingly. It would have been obvious to one of ordinary skill in the art at the time of the invention to modify the teaching of Patel with that of Winter to realize transmission of video signals based on GPS location to receive relevant data based on location.

Claim 23 is rejected similarly.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to AMY HSU whose telephone number is (571)270-3012. The examiner can normally be reached on M-F 8am-6pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lin Ye can be reached on 571-272-7372. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Amy Hsu
Examiner
Art Unit 2622

/LIN YE/
Supervisory Patent Examiner, Art Unit 2622

Notice of References Cited	Application/Control No. 12/188,982	Applicant(s)/Patent Under Reexamination SHAFFER ET AL.	
	Examiner AMY HSU	Art Unit 2622	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
*	A	US-2005/0232352 A1	10-2005	Siemens et al.	375/240.12
*	B	US-2006/0293073 A1	12-2006	Rengaraju et al.	455/518
*	C	US-2007/0015518 A1	01-2007	Winter et al.	455/456.1
*	D	US-2008/0036851 A1	02-2008	PATEL, Mehul B.	348/21
*	E	US-7,499,719 B2	03-2009	Rengaraju et al.	455/518
*	F	US-7,783,316 B1	08-2010	Mitchell, James P.	455/521
*	G	US-7,864,716 B1	01-2011	Manroa et al.	370/260
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

FOREIGN PATENT DOCUMENTS

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

NON-PATENT DOCUMENTS

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

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

Index of Claims	Application/Control No.	Applicant(s)/Patent Under Reexamination
	12188982	SHAFFER ET AL.
	Examiner	Art Unit
	AMY HSU	2622

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

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

CLAIM		DATE								
Final	Original	01/11/2012								
	1	✓								
	2	✓								
	3	✓								
	4	✓								
	5	✓								
	6	✓								
	7	✓								
	8	✓								
	9	✓								
	10	✓								
	11	✓								
	12	✓								
	13	✓								
	14	✓								
	15	✓								
	16	✓								
	17	✓								
	18	✓								
	19	✓								
	20	✓								
	21	✓								
	22	✓								
	23	✓								
	24	✓								

EAST Search History

EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	5	(US-20080036851-$ or US-20060293073-$ or US-20050232352-$).did. or (US-7499719-$ or US-7783316-$).did.	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:06
L2	0	l1 and (talk near2 group)	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:07
L3	4	l1 and (talk nsame group)	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:07
L4	2	l1 and (talk same group)	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:07
L5	309225	"348".clas. or "455".clas.	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:10
L6	187	l5 and (policy near2 database)	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:10
L7	80	l5 and (policy near2 database) same (user)	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:11
L8	1	"7864716".pn. and (policy same database same user)	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:16
L9	163131	"348".clas. or "455".clas. and (radio near2 frequenc$4) same (geographic$4)	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:17
L10	161012	"348".clas. or "455".clas. and (radio near2 frequenc$4) same associat$4 same (geographic$4)	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:18
L11	309225	"348".clas. or "455".clas.	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:18
L12	390	l11 and ((radio near2 frequenc$4) same associat$4 same (geographic$4))	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:18
L13	63	l11 and ((radio near2 frequenc$4) near5 associat$4 same (geographic$4))	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:18
L14	18	l11 and ((radio near2 frequenc$4) near5 associat$4 same (geographic$4)) same channel$4	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:18
L15	1	l11 and (video) same((radio near2 frequenc$4) near5 associat$4 same (geographic$4)) same channel$4	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:20
L18	5	(US-20080036851-$ or US-20060293073-$ or US-20050232352-$).did. or (US-	US-PGPUB;	OR	OFF	2012/01/11 20:20

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		7499719-$ or US-7783316-$).did.	USPAT			
L19	3	L18 and (radio near2 frequenc$4)	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:20
L20	0	L19 and (geographic$4)	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:20
L21	309225	"348".clas. or "455".clas.	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:21
L22	0	l21 and (video near10 associat$4 near10 geographic) same (radio near2 frequenc$4)	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:21
L23	30	l21 and (video near10 associat$4 near10 geographic)	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:21
L24	0	l21 and (video near10 associat$4 near10 geographic) same rf	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:21
L25	62	l21 and (video near10 associat$4 near10 geographic$4)	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:22
L26	5	l21 and (video near10 associat$4 near10 geographic$4) same radio	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:22
L27	65	l21 and (radio near2 frequenc$4) near5 associat$4 near5 (location geographic$4)	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:23
L28	72	l21 and (radio near2 frequenc$4) near5 associat$4 near5 (location geographic$4 region)	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:23
L29	74	l21 and (radio near2 frequenc$4) near5 associat$4 near5 (location geographic$4 region zone)	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:23
L30	74	l21 and (radio near2 frequenc$4) near5 associat$4 near5 (location geographic$4 region zone$1)	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:23
L31	8	l21 and (radio near2 frequenc$4) near5 associat$4 near5 (location geographic$4 region zone$1) same video	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:23
L32	48	l21 and (radio near2 frequenc$4) near5 associat$4 near5 (location geographic$4 region zone$1) and video	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:24
L33	38	l21 and (rf) near5 associat$4 near5 (location geographic$4 region zone$1) and video	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:26
L34	131	l21 and (radio near2 frequenc$4) near5 (geographic$4 zone$1) and video	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:27
L35	6	l21 and (radio near2 frequenc$4) near5 (geographic$4 zone$1) same video	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:27
L36	3083	(radio near2 frequenc$4) near10 (geographic$4 zone$4)	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:30
L37	33	(radio near2 frequenc$4) near10 (geographic$4 zone$4) same video	US-PGPUB;	OR	OFF	2012/01/11 20:30

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			USPAT			
L38	1	"7783316".pn. and radio	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:36
L39	0	"7783316".pn. and radio near3 frequenc$4	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:36
L40	1	"7783316".pn. and rf	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:36
L41	23	(radio near2 frequenc$4) near5 associat$4 near5 (geographic$4)	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:37
L42	14	(radio near2 frequenc$4) near5 associat$4 near5 (geographic$4) and video	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:37
L43	1	"20050232352" and (audio near3 event)	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:49
L44	7	(US-20080036851-$ or US-20060293073-$ or US-20050232352-$ or US-20070015518-$).did. or (US-7499719-$ or US-7783316-$ or US-7864716-$).did.	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:59
L45	3	l44 and gps	US-PGPUB; USPAT	OR	OFF	2012/01/11 20:59
L46	2	l44 and gps same video	US-PGPUB; USPAT	OR	OFF	2012/01/11 21:05
L47	5	"348".clas. and (receiv$4 near5 video near5 based near5 gps)	US-PGPUB; USPAT	OR	OFF	2012/01/11 21:07
S1	11	"188982".ap.	US-PGPUB; USPAT	OR	OFF	2012/01/11 14:49
S2	309225	"348".clas. or "455".clas.	US-PGPUB; USPAT	OR	OFF	2012/01/11 14:50
S3	1625	S2 and (select$4 same user same (communication near3 channel$1))	US-PGPUB; USPAT	OR	OFF	2012/01/11 14:50
S4	244	S2 and (select$4 near7 user near7 (communication near3 channel$1))	US-PGPUB; USPAT	OR	OFF	2012/01/11 14:51
S5	15	S2 and (select$4 near7 user near7 (communication near3 channel$1)) same video	US-PGPUB; USPAT	OR	OFF	2012/01/11 14:51
S6	15	S2 and (select$4 near7 user near7 (communication near3 channel$1)) same video and video	US-PGPUB; USPAT	OR	OFF	2012/01/11 14:52
S7	15	S2 and (select$4 near7 user near7 (communication near3 channel$1)) same video and (video same channel$1)	US-PGPUB; USPAT	OR	OFF	2012/01/11 14:52
S8	5	S2 and (select$4 near7 user near7 (communication near3 channel$1)) same video and (video same channel$1) and push$4	US-PGPUB; USPAT	OR	OFF	2012/01/11 14:55

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S9	2	"20060293073" and (select$4 near3 channel$1)	US-PGPUB; USPAT	OR	OFF	2012/01/11 14:57
S10	3	S6 and talk	US-PGPUB; USPAT	OR	OFF	2012/01/11 14:58
S11	0	"20080036851" and ppt	US-PGPUB; USPAT	OR	OFF	2012/01/11 14:59
S12	0	"20080036851" and talk	US-PGPUB; USPAT	OR	OFF	2012/01/11 14:59
S13	2	"20080036851" and phone	US-PGPUB; USPAT	OR	OFF	2012/01/11 14:59
S14	1	"20100033580" and ppt	US-PGPUB; USPAT	OR	OFF	2012/01/11 15:00
S15	1	"20100033580" and push$4	US-PGPUB; USPAT	OR	OFF	2012/01/11 15:01
S16	107	((pushtotalk) ppt (push$4 adj2 talk)) same channel$1 same video	US-PGPUB; USPAT	OR	OFF	2012/01/11 15:02
S17	14	((pushtotalk) ppt (push$4 adj2 talk)) same channel$1 same video and (user near3 select$4 near5 channel$1)	US-PGPUB; USPAT	OR	OFF	2012/01/11 15:03
S18	0	"20100033580" and subscription	US-PGPUB; USPAT	OR	OFF	2012/01/11 15:05
S19	1	"20100033580" and (user near2 policy)	US-PGPUB; USPAT	OR	OFF	2012/01/11 15:05
S20	1	"20100033580" and (policy)	US-PGPUB; USPAT	OR	OFF	2012/01/11 15:06
S21	2	"20060293073" and (user same channeL$2)	US-PGPUB; USPAT	OR	OFF	2012/01/11 15:13
S22	2	"20060293073" and (user near5 channeL$2)	US-PGPUB; USPAT	OR	OFF	2012/01/11 15:17
S23	1488	"20060293073" and ppt ptv	US-PGPUB; USPAT	OR	OFF	2012/01/11 15:19
S24	2	"20060293073" and (ppt ptv)	US-PGPUB; USPAT	OR	OFF	2012/01/11 15:19
S25	15	(ppt ptv) same (Emergency)	US-PGPUB; USPAT	OR	OFF	2012/01/11 15:21
S26	9	(ppt ptv) same (Emergency) and channel$1	US-PGPUB; USPAT	OR	OFF	2012/01/11 15:22
S27	7	(ppt ptv) same (Emergency) and channel$1 same select$4	US-PGPUB; USPAT	OR	OFF	2012/01/11 15:22

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S28	5	(ppt ptv) same (Emergency) and channel$1 same select$4 same user$1	US-PGPUB; USPAT	OR	OFF	2012/01/11 15:22
S29	6	(ppt ptv) same (Emergency) and channel$1 same select$4 and user	US-PGPUB; USPAT	OR	OFF	2012/01/11 15:23
S30	1	"7783316".pn. and talk	US-PGPUB; USPAT	OR	OFF	2012/01/11 15:49
S31	0	"7783316".pn. and ptt	US-PGPUB; USPAT	OR	OFF	2012/01/11 15:49
S32	0	"20080036851" and policy	US-PGPUB; USPAT	OR	OFF	2012/01/11 16:44
S33	2	"20080036851" and user	US-PGPUB; USPAT	OR	OFF	2012/01/11 16:44
S34	2	"20080036851" and (service near3 provid$4)	US-PGPUB; USPAT	OR	OFF	2012/01/11 16:45
S35	1	"7783316".pn. and video	USPAT	OR	OFF	2012/01/11 16:48
S36	1	"7783316".pn. and database	USPAT	OR	OFF	2012/01/11 16:50
S37	1	"7783316".pn. and (mobile near2 client) near5 transmit$4	USPAT	OR	OFF	2012/01/11 16:55
S38	1	"7783316".pn. and (mobile near2 client) near5 transmit$4 same receiv$4	USPAT	OR	OFF	2012/01/11 16:57
S39	1	"7783316".pn. and (mobile near2 client) near5 video	USPAT	OR	OFF	2012/01/11 16:58
S40	2042	"348".clas. and ((public near2 safety) or police or (emergency near2 response))	US-PGPUB; USPAT	OR	OFF	2012/01/11 17:06
S41	46	"348".clas. and ((public near2 safety) or police or (emergency near2 response)) same video same channel	US-PGPUB; USPAT	OR	OFF	2012/01/11 17:06
S42	23	"348".clas. and ((public near2 safety) or police or (emergency near2 response)) same video same channel and database	US-PGPUB; USPAT	OR	OFF	2012/01/11 17:06
S43	0	"20060215024" and mobile	US-PGPUB; USPAT	OR	OFF	2012/01/11 17:10
S44	1	"20060215024"	US-PGPUB; USPAT	OR	OFF	2012/01/11 17:10
S45	1	"20060215024" and wireless	US-PGPUB; USPAT	OR	OFF	2012/01/11 17:10
S46	1	"20050232352" and channel	US-PGPUB; USPAT	OR	OFF	2012/01/11 17:14
S47	1	"20050232352" and database	US-PGPUB; USPAT	OR	OFF	2012/01/11 17:14
S48	1	"20050232352" and surveillance	US-	OR	OFF	2012/01/11

Motorola Solutions, Inc., Ex1003, p. 300

			PGPUB; USPAT			17:16
S49	0	"20050232352" and ppt	US-PGPUB; USPAT	OR	OFF	2012/01/11 17:17
S50	0	"20050232352" and push$4	US-PGPUB; USPAT	OR	OFF	2012/01/11 17:17
S51	5	(US-20080036851-$ or US-20060293073-$ or US-20050232352-$).did. or (US-7499719-$ or US-7783316-$).did.	US-PGPUB; USPAT	OR	OFF	2012/01/11 17:54
S52	3	S51 and (radio near2 frequenc$4)	US-PGPUB; USPAT	OR	OFF	2012/01/11 17:55
S53	500	"348".clas. and (database same user same video same channel)	US-PGPUB; USPAT	OR	OFF	2012/01/11 18:55
S54	40	"348".clas. and (database near10 user near10 video same channel)	US-PGPUB; USPAT	OR	OFF	2012/01/11 18:57
S55	3	"348".clas. and (database near10 user near10 video same (communication near3 channel))	US-PGPUB; USPAT	OR	OFF	2012/01/11 18:58
S56	1	"20050232352" and (file near2 system)	US-PGPUB; USPAT	OR	OFF	2012/01/11 19:00

1/ 11/ 2012 9:11:20 PM
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Motorola Solutions, Inc., Ex1003, p. 301

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BIB DATA SHEET

CONFIRMATION NO. 6073

SERIAL NUMBER	FILING or 371(c) DATE RULE	CLASS	GROUP ART UNIT	ATTORNEY DOCKET NO.
12/188,982	08/08/2008	348	2622	1370.252US1

APPLICANTS

Shmuel Shaffer, Palo Alto, CA;
Zeeshan Rahman Khan, Fremont, CA;

** CONTINUING DATA **********

** FOREIGN APPLICATIONS **********

** IF REQUIRED, FOREIGN FILING LICENSE GRANTED **
08/20/2008

Foreign Priority claimed ☐ Yes ☑ No 35 USC 119(a-d) conditions met ☐ Yes ☑ No Verified and Acknowledged /AMY R HSU/ Examiner's Signature	☐ Met after Allowance Initials	STATE OR COUNTRY	SHEETS DRAWINGS	TOTAL CLAIMS	INDEPENDENT CLAIMS
		CA	12	24	3

ADDRESS

SCHWEGMAN, LUNDBERG & WOESSNER, P.A.
P.O. BOX 2938
MINNEAPOLIS, MN 55402
UNITED STATES

TITLE

ACCESS TO VIDEO STREAMS ON MOBILE COMMUNICATION DEVICES

FILING FEE RECEIVED		
1230	FEES: Authority has been given in Paper No._____ to charge/credit DEPOSIT ACCOUNT No._____ for following:	☐ All Fees ☐ 1.16 Fees (Filing) ☐ 1.17 Fees (Processing Ext. of time) ☐ 1.18 Fees (Issue) ☐ Other _____ ☐ Credit

Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
	12188982	SHAFFER ET AL.
	Examiner	Art Unit
	AMY HSU	2622

SEARCHED			
Class	Subclass	Date	Examiner
348	192	1/11/12	ah

SEARCH NOTES		
Search Notes	Date	Examiner
class 455 search and keyword search	1/11/12	ah

INTERFERENCE SEARCH			
Class	Subclass	Date	Examiner

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants:	Shmuel Shaffer et al.	Examiner:	Amy Hsu
Serial No.:	12/188,982	Group Art Unit:	2622
Filed:	August 8, 2008	Docket:	1370.252US1
Customer No.:	21186	Confirmation No.:	6073
Title:	ACCESS TO VIDEO STREAMS ON MOBILE COMMUNICATION DEVICES		

RESPONSE TO SPECIES ELECTION REQUIREMENT

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

In response to the Restriction Requirement mailed February 15, 2011, Applicants submit the following.

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IN THE CLAIMS

The claims are as follows:

1. (Original) A method comprising:

monitoring selection of a communication channel by a user of a mobile communication device;

identifying at least one video feed associated with the selected channel; and

providing access to the mobile communication device to the identified at least one video feed, wherein providing the access is based on a user policy.

2. (Original) The method of claim 1, wherein providing access comprises associating the identified video feed with the mobile communication device.

3. (Original) The method of claim 1, further comprising:

accessing a database to identify a plurality of members of an emergency response team; and

presenting a plurality of available video feeds on a display of the mobile communication device, the plurality of available video feeds including video streams associated with the plurality of members of the emergency response team.

4. (Original) The method of claim 3, wherein the available video feeds are sourced from a group of surveillance cameras.

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5. (Original) The method of claim 1, wherein the communication channel is a Push-To-Talk (PTT) channel in a PTT communication network and the mobile communication device is a PTT radio.

6. (Original) The method of claim 1, further comprising:

accessing a database to identify a group of video feeds associated with the user; and

when the user selects the communication channel, providing access to the group of video feeds associated with the user to one or more other users of communication channel.

7. (Original) The method of claim 1, further comprising:

providing a plurality of radio frequencies on a display of the mobile communication device, each radio frequency being associated with a geographical zone;

monitoring selection of a radio frequency of the plurality of radio frequencies by the user; and

providing access to a plurality of video feeds associated with the geographical zone.

8. (Original) The method of claim 1, further comprising:

monitoring an audio signal generated in proximity to a video camera providing the video feed;

processing the audio signal to identify an audio event; and

based on the identified audio event, providing access to the video feed to a plurality of mobile communication devices in a group of mobile communication devices.

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9. (Original) The method of claim 1, wherein the communication channel is associated with a Virtual Talk Group (VTG).

10. (Original) The method of claim 1, wherein providing access to the video feeds depends on a video association policy.

11. (Original) The method of claim 10, wherein the video association policy includes role of the user defined in a policy database.

12. (Original) The method of claim 1, further comprising:

identifying a geographical location of a local mobile communication device using a Global Positioning System;

identifying at least one video feed associated with the geographical location;

associating the video feed with other mobile communication devices set to the same channel as the local mobile communication device; and

automatically rendering access to the at least one video feed to the other mobile communication devices.

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13. (Original) An apparatus, comprising:

at least one processor; and

a memory in communication with the at least one processor, the memory being configured to store a video stream association module executable by the at least one processor, and the video stream association module executed by the at least one processor causes operations to be performed, the operations comprising:

monitoring selection of a communication channel by a user of a mobile communication device;

identifying at least one video feed associated with the selected channel; and

providing access to the mobile communication device to the identified at least one video feed wherein providing the access is based on a user policy.

14. (Original) The apparatus of claim 13, wherein providing access comprises associating the identified video feed with the mobile communication device.

15. (Original) The apparatus of claim 13, wherein the operations further comprise:

accessing a database to identify a plurality of members of an emergency response team; and

presenting a plurality of available video feeds on a display of the mobile communication device, the plurality of available video feeds including video streams associated with the plurality of members of the emergency response team.

16. (Original) The apparatus of claim 15, wherein the available video feeds are sourced from a group of surveillance cameras.

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17. (Original) The apparatus of claim 13, wherein the communication channel is a Push-To-Talk (PTT) channel in a PTT communication network and the mobile communication device is a PTT radio.

18. (Original) The apparatus of claim 13, wherein the operations further comprise:

accessing a database to identify a group of video feeds associated with the user; and

when the user selects the communication channel, providing access to the group of video feeds associated with the user to one or more other users of communication channel.

19. (Original) The apparatus of claim 13, wherein the operations further comprise:

providing a plurality of radio frequencies on a display of the mobile communication device, each radio frequency being associated with a geographical zone;

monitoring selection of a radio frequency of the plurality of radio frequencies by the user; and

providing access to a plurality of video feeds associated with the geographical zone.

20. (Original) The apparatus of claim 13, wherein the operations further comprise:

monitoring an audio signal generated in proximity to a video camera providing the video feed;

processing the audio signal to identify an audio event; and

based on the identified audio event, providing access to the video feed to a plurality of mobile communication devices in a group of mobile communication devices.

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21. (Original) The apparatus of claim 13, wherein the communication channel is associated with a Virtual Talk Group (VTG).

22. (Original) The apparatus of claim 13, wherein providing access to the video feed depends on a video association policy, the video association policy including a role of the user defined in a policy database.

23. (Original) The apparatus of claim 13, further comprising:

identifying a geographical location of a local mobile communication device using a Global Positioning System;

identifying at least one video feed associated with the geographical location;

associating the video feed with other mobile communication devices set to the same channel as the local mobile communication device; and

automatically rendering access to the at least one video feed to the other mobile communication devices.

24. (Original) Apparatus comprising:

a monitor module to monitor selection of a communication channel by a user of a mobile communication device;

a channel identifier module to identify at least one video feed associated with the selected channel; and

means for providing access to the mobile communication device to the identified at least one video feed, wherein providing the access is based on a user policy.

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REMARKS

In the Species Election Requirement mailed February 15, 2011, the Examiner has required under 35 U.S.C. 121 that Applicants elect a single disclosed species:

I. Species I in Fig. 1A

II. Species II in Fig. 1B

Applicants elect, without traverse, Group II, claims 1-24.

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CONCLUSION

Applicants respectfully submit that the claims are in condition for allowance, and notification to that effect is earnestly requested. The Examiner is invited to telephone Applicants' attorney at (415) 202-3238 to facilitate prosecution of this application.

If necessary, please charge any additional fees or credit overpayment to Deposit Account No. 19-0743.

Respectfully submitted,

SCHWEGMAN, LUNDBERG & WOESSNER, P.A.
P.O. Box 2938
Minneapolis, MN 55402
(415) 202-3238

Date March 17, 2011 By /Robert E. Scheid/

Robert E. Scheid
Reg. No. 42,126

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Electronic Acknowledgement Receipt

EFS ID:	9680262
Application Number:	11842460
International Application Number:	
Confirmation Number:	3440
Title of Invention:	COMMUNICATION PATH SELECTION
First Named Inventor/Applicant Name:	Mohamed Khalid
Customer Number:	21186
Filer:	David Charles Peterson/Jonathan Ferguson
Filer Authorized By:	David Charles Peterson
Attorney Docket Number:	1370.225US1
Receipt Date:	17-MAR-2011
Filing Date:	21-AUG-2007
Time Stamp:	14:24:32
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1		1370-225US1_RESPONSE_FILED_03-17-11.pdf	51196 f41fd79c5db33914b7ee6a227af33a737857dae7	yes	10

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	Multipart Description/PDF files in .zip description		
	Document Description	**Start**	**End**
	Miscellaneous Incoming Letter	1	1
	Response to Election / Restriction Filed	2	2
	Claims	3	8
	Applicant Arguments/Remarks Made in an Amendment	9	10
Warnings:			
Information:			
	Total Files Size (in bytes):	51196	

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New Applications Under 35 U.S.C. 111
If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

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

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

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Mohamed Khalid et al.

Title: COMMUNICATION PATH SELECTION

Docket No.:	1370.225US1	Serial No.:	11/842,460
Filed:	August 21, 2007	Due Date:	March 17, 2011
Examiner:	Brandon Renner	Group Art Unit:	2461
Customer No.:	21186	Confirmation No.:	3440

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

We are transmitting herewith the following attached items (as indicated with an "X"):

X Response to Species Election Requirement (9 pgs.)

If not provided for in a separate paper filed herewith, please consider this a PETITION FOR EXTENSION OF TIME for sufficient number of months to enter these papers and please charge any additional fees or credit overpayment to Deposit Account No. 19-0743.

SCHWEGMAN, LUNDBERG & WOESSNER, P.A.
Customer No.: 21186

By: /Robert E. Scheid/
Robert E. Scheid
Reg. No. 42,126

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PTO/SB/06 (07-06)
Approved for use through 1/31/2007. OMB 0651-0032
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PATENT APPLICATION FEE DETERMINATION RECORD Substitute for Form PTO-875	Application or Docket Number 11/842,460	Filing Date 08/21/2007	☐ To be Mailed

APPLICATION AS FILED – PART I

	(Column 1)	(Column 2)	SMALL ENTITY ☐		OR	OTHER THAN SMALL ENTITY	
FOR	NUMBER FILED	NUMBER EXTRA	RATE ($)	FEE ($)		RATE ($)	FEE ($)
☐ BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A			N/A	
☐ SEARCH FEE (37 CFR 1.16(k), (i), or (m))	N/A	N/A	N/A			N/A	
☐ EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A			N/A	
TOTAL CLAIMS (37 CFR 1.16(i))	minus 20 =	*	X $ =		OR	X $ =	
INDEPENDENT CLAIMS (37 CFR 1.16(h))	minus 3 =	*	X $ =			X $ =	
☐ APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is $250 ($125 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			TOTAL	

APPLICATION AS AMENDED – PART II

AMENDMENT	03/17/2011	(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	SMALL ENTITY RATE ($)	ADDITIONAL FEE ($)	OR	OTHER THAN SMALL ENTITY RATE ($)	ADDITIONAL FEE ($)
	Total (37 CFR 1.16(i))	* 24	Minus	** 21	= 3	X $ =		OR	X $52=	156
	Independent (37 CFR 1.16(h))	* 3	Minus	***4	= 0	X $ =		OR	X $220=	0
	☐ Application Size Fee (37 CFR 1.16(s))									
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							OR		
						TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	**156**

AMENDMENT		(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	RATE ($)	ADDITIONAL FEE ($)	OR	RATE ($)	ADDITIONAL FEE ($)
	Total (37 CFR 1.16(i))	*	Minus	**	=	X $ =		OR	X $ =	
	Independent (37 CFR 1.16(h))	*	Minus	***	=	X $ =		OR	X $ =	
	☐ Application Size Fee (37 CFR 1.16(s))									
	☐ FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							OR		
						TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".
*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".
The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

Legal Instrument Examiner:
/ROZENIA HARMON/

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
12/188,982	08/08/2008	Shmuel Shaffer	1370.252US1	6073

21186 7590 02/15/2011
SCHWEGMAN, LUNDBERG & WOESSNER, P.A.
P.O. BOX 2938
MINNEAPOLIS, MN 55402

EXAMINER	
HSU, AMY R	
ART UNIT	PAPER NUMBER
2622	

NOTIFICATION DATE	DELIVERY MODE
02/15/2011	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):

uspto@slwip.com
request@slwip.com

Office Action Summary	Application No.	Applicant(s)	
	12/188,982	SHAFFER ET AL.	
	Examiner	Art Unit	
	AMY HSU	2622	

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

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE *1* MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

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

Status

1)☒ Responsive to communication(s) filed on *08 August 2008*.

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

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

Disposition of Claims

4)☒ Claim(s) *1-24* is/are pending in the application.

4a) Of the above claim(s) _____ is/are withdrawn from consideration.

5)☐ Claim(s) _____ is/are allowed.

6)☐ Claim(s) _____ is/are rejected.

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

8)☒ Claim(s) *1-24* are subject to restriction and/or election requirement.

Application Papers

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

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

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

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

11)☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

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

a)☐ All b)☐ Some * c)☐ None of:

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

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

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

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

Attachment(s)

1) ☐ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☐ Information Disclosure Statement(s) (PTO/SB/08) Paper No(s)/Mail Date _____.
4) ☐ Interview Summary (PTO-413) Paper No(s)/Mail Date. _____ .
5) ☐ Notice of Informal Patent Application
6) ☐ Other: _____.

DETAILED ACTION

Election/Restrictions

1. This application contains claims directed to the following patentably distinct species: species I in Fig. 1A and species II in Fig. 1B. The species are independent or distinct because each depicts a distinct communication system with details different from each other such as the system of Fig. 1A uses voice over IP phones as video feed association modules that filter video feeds such as only those feeds that the user is interested in, meanwhile the system of Fig. 1B includes a radio network as well as half-duplex communication devices like PTT radios. In addition, these species are not obvious variants of each other based on the current record.

Applicant is required under 35 U.S.C. 121 to elect a single disclosed species, or a single grouping of patentably indistinct species, for prosecution on the merits to which the claims shall be restricted if no generic claim is finally held to be allowable. Currently, claims 1, 13, 24 are generic.

Applicant is advised that the reply to this requirement to be complete must include (i) an election of a species or a grouping of patentably indistinct species to be examined even though the requirement may be traversed (37 CFR 1.143) **and (ii) identification of the claims encompassing the elected species or grouping of patentably indistinct species**, including any claims subsequently added. An argument that a claim is allowable or that all claims are generic is considered nonresponsive unless accompanied by an election.

The election may be made with or without traverse. To preserve a right to petition, the election must be made with traverse. If the reply does not distinctly and specifically point out supposed errors in the election of species requirement, the election shall be treated as an election without traverse. Traversal must be presented at the time of election in order to be considered timely. Failure to timely traverse the requirement will result in the loss of right to petition under 37 CFR 1.144. If claims are added after the election, applicant must indicate which of these claims are readable on the elected species or grouping of patentably indistinct species.

Should applicant traverse on the ground that the species, or groupings of patentably indistinct species from which election is required, are not patentably distinct, applicant should submit evidence or identify such evidence now of record showing them to be obvious variants or clearly admit on the record that this is the case. In either instance, if the examiner finds one of the species unpatentable over the prior art, the evidence or admission may be used in a rejection under 35 U.S.C. 103(a) of the other species.

Upon the allowance of a generic claim, applicant will be entitled to consideration of claims to additional species which depend from or otherwise require all the limitations of an allowable generic claim as provided by 37 CFR 1.141.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to AMY HSU whose telephone number is (571)270-3012. The examiner can normally be reached on M-F 8am-6pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lin Ye can be reached on 571-272-7372. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Amy Hsu
Examiner
Art Unit 2622

/Lin Ye/
Supervisory Patent Examiner, Art Unit 2622

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APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
12/188,982	08/08/2008	Shmuel Shaffer	1370.252US1

CONFIRMATION NO. 6073

21186
SCHWEGMAN, LUNDBERG & WOESSNER, P.A.
P.O. BOX 2938
MINNEAPOLIS, MN 55402

PUBLICATION NOTICE



Title:ACCESS TO VIDEO STREAMS ON MOBILE COMMUNICATION DEVICES

Publication No.US-2010-0033580-A1
Publication Date:02/11/2010

NOTICE OF PUBLICATION OF APPLICATION

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

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APPLICATION NUMBER	FILING or 371(c) DATE	GRP ART UNIT	FIL FEE REC'D	ATTY.DOCKET.NO	TOT CLAIMS	IND CLAIMS
12/188,982	08/08/2008	2617	1230	1370.252US1	24	3

CONFIRMATION NO. 6073

21186
SCHWEGMAN, LUNDBERG & WOESSNER, P.A.
P.O. BOX 2938
MINNEAPOLIS, MN 55402

FILING RECEIPT

OC000000031677980

Date Mailed: 08/22/2008

Receipt is acknowledged of this non-provisional patent application. The application will be taken up for examination in due course. Applicant will be notified as to the results of the examination. Any correspondence concerning the application must include the following identification information: the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. **If an error is noted on this Filing Receipt, please submit a written request for a Filing Receipt Correction. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections**

Applicant(s)

Shmuel Shaffer, Palo Alto, CA;
Zeeshan Rahman Khan, Fremont, CA;

Power of Attorney: The patent practitioners associated with Customer Number 21186

Domestic Priority data as claimed by applicant

Foreign Applications

If Required, Foreign Filing License Granted: 08/20/2008

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 12/188,982**

Projected Publication Date: 02/11/2010

Non-Publication Request: No

Early Publication Request: No

Title

ACCESS TO VIDEO STREAMS ON MOBILE COMMUNICATION DEVICES

Preliminary Class

455

PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

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Title 37, Code of Federal Regulations, 5.11 & 5.15

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of: Shmuel Shaffer et al.
Title: ACCESS TO VIDEO STREAMS ON MOBILE COMMUNICATION DEVICES
Attorney Docket No.: 1370.252US1
Customer No.: 21186

PATENT APPLICATION TRANSMITTAL

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

We are transmitting herewith the following attached items and information (as indicated with an "X"):

X **Utility Patent Application under 37 CFR 1.53(b) comprising:**
- X Specification (29 pgs., including claims numbered 1 through 24 and a 1 page Abstract).
- X Formal Drawings (12 sheets).
- X Signed Combined Declaration and Power of Attorney (4 pgs.)
- X Application Data Sheet (3 pgs).
- X Authorization to charge Deposit Account 19-0743 in the amount of $1230.00 to pay the filing fee.

The filing fee has been calculated below as follows:

	No. Filed	No. Extra	Rate	Fee
TOTAL CLAIMS	24- 20	4	x $50.00 =	**$200.00**
INDEPENDENT CLAIMS	3 - 3	0	x $210.00 =	**$0.00**
[]MULTIPLE DEPENDENT CLAIMS PRESENTED				**$0.00**
BASIC FEE				**$310.00**
SEARCH FEE				**$510.00**
EXAMINATION FEE				**$210.00**
	No. of pages (75% for e-filing)	**Extra sets of 50 pages**	**Rate**	
APPLICATION SIZE FEE	(41 - 100) / 50	0	$260.00	**$0.00**
TOTAL				**$1230.00**

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SCHWEGMAN, LUNDBERG & WOESSNER, P.A.
Customer Number: 21186

By: _____
Garth Vivier
Reg. No. 57,313

Date of Deposit: August 8, 2008
This paper or fee is being filed on the date indicated above using the USPTO's electronic filing system EFS-Web, and is addressed to The Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

UNITED STATES PATENT APPLICATION

FOR

ACCESS TO VIDEO STREAMS ON MOBILE COMMUNICATION DEVICES

Inventors:

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Attorney's Docket No. 1370.252US1

Client Ref. No.: CPOL 956158

ACCESS TO VIDEO STREAMS ON MOBILE COMMUNICATION DEVICES

FIELD

[0001] The present disclosure relates generally to communication systems. In an example embodiment, the disclosure relates to providing access to video streams associated with communication channels in a communication network.

BACKGROUND

[0002] In general, a communication system is a collection of communications networks, transmission systems, relay stations, tributary stations, and data terminal equipment usually capable of interconnection and interoperation to form an integrated whole. Communication devices may communicate audio signals on different communication channels. Video feeds may also be communicated in the communication system.

BRIEF DESCRIPTION OF DRAWINGS

[0003] The present disclosure is illustrated by way of example and not limitation in the figures of the accompanying drawings, in which like references indicate similar elements and in which:

[0004] **Figure 1A** depicts a simplified diagram of communication system, in accordance with an example embodiment, including full-duplex communication devices;

[0005] **Figure 1B** depicts a simplified diagram of a further communication system, in accordance with an example embodiment, including both full- and half-duplex communication devices;

[0006] **Figure 2** depicts a simplified block diagram of an apparatus, in accordance with an example embodiment, to associate video feeds with a communication channel associated a plurality of mobile communication devices;

[0007] **Figure 3** depicts a schematic diagram of a system, in accordance with an example embodiment, wherein video feeds are associated with a communication channel;

[0008] **Figure 4** depicts a flow diagram of a general overview of a method, in accordance with an example embodiment, for associating video feeds with a communication channel that is associated a plurality of mobile communication devices;

[0009] **Figure 5** depicts a flow diagram of a general overview of a method, in accordance with an example embodiment, for identifying channels with which to associate video feeds;

[0010] **Figure 6** depicts a flow diagram of a general overview of a method, in accordance with an example embodiment, for associating video feeds with communication channels based on an audio event;

[0011] **Figure 7** depicts a flow diagram of a general overview of a method, in accordance with an example embodiment, for associating video feeds with communication channels based on geographical location data;

[0012] **Figures 8 – 10** depict schematic views of graphical user interfaces, in accordance with an example embodiment, for associating video feeds with communication channels; and

[0013] **Figure 11** is a simplified block diagram of a machine in the example form of a computing system within which a set of instructions, for causing the machine to perform any one or more of the methodologies discussed herein, may be executed.

DESCRIPTION OF EXAMPLE EMBODIMENTS

[0014] The description that follows includes illustrative systems, methods, techniques, instruction sequences, and computing machine program products that embody the present invention. In the following description, for purposes of explanation, numerous specific details are set forth to provide an understanding of various embodiments of the inventive subject matter. It will be evident, however, to one skilled in the art that embodiments of the inventive subject matter may be practiced without these specific details. In general, well-known instruction instances, protocols, structures, and techniques have not been shown in detail.

OVERVIEW

[0015] A method and apparatus to provide access to video streams associated with communication channels in a communication network are described. The method may comprise monitoring selection of a communication channel by a user of a mobile communication device, identifying at least one video feed associated with the selected channel, and providing access to the mobile communication device to the selected at least one video feed. Providing access may comprise associating the selected video stream with the mobile communication device. In an example embodiment, a plurality of available video feeds is presented on a display of the mobile communication device, the plurality of available video feeds being available for communication to the mobile communication device. Selection of at least one video feed from the plurality of available video feeds may be monitored and the selected feed may be associated with the mobile communication device.

EXAMPLE EMBODIMENTS

[0016] **Figure 1A** depicts a simplified diagram of a communication system 100 in accordance with an example embodiment. The communication system 100 is shown by way of example to include a public switched telephone network (PSTN)

102, a cellular network 104, and various networked computing devices. Examples of communication devices include telephones 106, computers 112, Voice over Internet Protocol (VoIP) phones 110, mobile phones 108, gateways 116, routers 118, switches, transmission systems, relay systems, and other communication devices. A plurality of cameras 122 provide video feeds that, in an example embodiment, are associated with communication channels (e.g., communication channels providing Virtual Talk Groups (VTGs)).

[0017] In general, the computer network 114 is a collection of interconnected computing devices that communicate using wired or wireless mediums. Examples of computer networks, such as the computer network 114, include Local Area Networks (LANs) and/or Wide Area Networks (WANs), such as the Internet. It should be understood that a communication device, as referred to herein, includes any equipment used in communication and associated with, or attached to, a communication network.

[0018] The PSTN 102 may include a Plain Old Telephone System (POTS). The PSTN 102 includes a collection of interconnected systems operated by telephone companies. The PSTN 102 may, for example, include the telephones 106, switches, and other systems and elements. The PSTN 102 may communicate with the computer network 114 via the gateway 116. The gateway 116 may provide voice interoperability between computer and non-computer networks, such as the PSTN 102, by bridging telephone transmissions to Internet Protocol (IP) multicast streams.

[0019] The PSTN 102 is also shown to communicate with the cellular network 104. The cellular network 104 includes a type of radio network with a full duplex system. Examples of the cellular network 104 include code division multiple access (CDMA), time division multiple access (TDMA), and other cellular networks. The mobile phones 108 may communicate via the cellular network 104.

[0020] As illustrated by way of example in **Figure 1A**, the communication devices may host a video feed association module 120. As explained in more detail below, the video feed association module 120 may be configured to associate one or

more video feeds (e.g., media streams from one or more of the cameras 122) transmitted over the computer network 114 with one or more communication channels (e.g., audio channels in a radio network). In an example embodiment, the video feed association module 120 may act as filter removing or filtering video feeds accessible by, or provided to, a communication device. Accordingly, in an example embodiment, only those video feeds that are of particular interest to a user of the communication are presented to the user. The user may thus not be bombarded with a host of video feeds that are not relevant in a specific circumstance. In an example embodiment, one or more of the cameras 122 are independent video surveillance cameras (e.g., surveillance cameras installed along freeways, at traffic intersections or and public and non-public locations). In the example system 100, the communication devices are shown by way of example to include the video feed association module 120 and thus association of the feeds is shown, by way of example, to be performed at endpoints in a communication network. It will however be appreciated that the association can be performed, in addition or instead, at a central location. The association may be done between independent voice communication devices and independent video surveillance cameras (e.g., the cameras 122).

[0021] **Figure 1B** depicts a communication system 150, in accordance with an example embodiment, in which one or more video feeds are associated with one or more communication channels at a central location. The communication system 150 is similar to the communication system 100 and, accordingly, like reference numerals are used to indicate the same or similar features.

[0022] The communication system 150 further includes a radio network 152 configured to communicate with one or more mobile communication devices (e.g., one or more push-to-talk (PTT) radios). The communication system 150 may thus include full-duplex communication devices (e.g., the telephones 106, the mobile phones 108, the VoIP phones 110 and the computer 112), as well as half-duplex communication devices (e.g., the PTT radios 154). The communication service 156 may be provided to facilitate communication in the communication system 150. The

communication service 156 may include a variety of software applications and/or hardware that can monitor and process communications between the communication devices. The communication service 156 can be hosted on one or more server computers and, as explained in more detail below, may be configured to facilitate communication of media streams on a plurality of communication channels. An example of communication service 156 is the IP Interoperability and Collaboration System (IPICS) network available from Cisco Systems of California that facilitates communication interoperability amongst different communication paradigms. A communication paradigm (or a communication modality) includes a mode of communication amongst a collection of interrelated communication devices. The communication paradigm can be distinguished by data format, type of signal, physical link or infrastructure, or other communication characteristics (e.g., half duplex or full duplex communications). For example, the communication system 150 may facilitate communication between the PTT radios 154 (e.g., ultra high frequency (UHF) radios, very high frequency (VHF) radios, and other push-to-talk radios) via the radio network 152 and telephony endpoints (e.g., the telephones 106) of the PSTN 102. In another example embodiment, the communication system 150 can facilitate communication between the push-to-talk radio 154 of the radio network 152 and the VoIP phones 110 or a software client residing on the computers 112. The communication system 150 may control the media and signaling of radio and VoIP systems, resulting in a direct communication between the different communication devices (e.g., between the PTT radios 154 and the VoIP phones 110).

[0023] It should be appreciated that radio network 152 may be a collection of communication devices that communicate over radio waves, such as ultra high frequency (UHF) and very high frequency (VHF). The radio network 152 includes, for example, a land-mobile-radio (LMR) network. Examples of communication devices included in radio network 152 include the PTT radios 154 (e.g., UHF radios, VHF radios, and other radio network-based communication devices). It should be noted that PTT radios 154 or other communication devices included in

radio network 152 may be push-to-talk radios that operate in half duplex mode, which is in contrast to the communication devices (e.g., the telephones 106) that operate in full duplex mode. The radio network 152 may communicate with the computer network 114 by way of a gateway 160, which provides voice and control interoperability between the radio network 152 and the computer network 114 by bridging media and control transmissions to Internet Protocol (IP) multicast and/or Unicast (e.g., Session Initiation Protocol (SIP)) streams.

[0024] The communication service 156 (e.g., an IPICS) is shown to include a video feed association module 158 to associate one or more video feeds with one or more communication channels and thus facilitate access to the video feed by a user of a mobile device having video capabilities.

[0025] In the example embodiment shown in **Figure 1B**, further video feed association modules 120 may be optionally provided at the communication devices. Thus, association of the video streams with the communication channels (e.g., voice channels) may take place at a central node and/or distributed nodes.

[0026] **Figure 2** depicts a simplified block diagram of an apparatus 200, in accordance with an example embodiment, to associate video feeds with a communication channel associated a plurality of mobile communication devices. The apparatus 200 may be deployed in the communication networks 100, 150 and, accordingly, is described by way of example with reference thereto.

[0027] The apparatus 200 includes memory for storing and operating system and application software 202 that, when executed, performs the methodologies described herein. The apparatus 200 includes a video feed association module 120 shown to include a channel identifier module 204, a video feed identifier module 206, a graphic user interface (GUI) module 208, a policy module 210, and a communication module 212. As described by way of example in more detail below, the apparatus 200 allows a user to select one of a plurality of communication channels wherein each communication channel may have a plurality of video feeds automatically associated with the communication channel. The communication

channel may host a VTG. Operation of the apparatus 200 is described by way of example below.

[0028] **Figure 3** depicts a schematic diagram of a system 300, in accordance with an example embodiment, wherein video feeds are associated with a communication channel. The system 300 may include the apparatus 200 and may be deployed in the communication systems 100, 150. The system 300 is described by way of example with reference to the systems 100, 150.

[0029] The system 300 is shown to include a voice communication network 302 including a plurality of communication channels 302.1 - 302.n. Each communication channel 302.1 - 302.n may host a virtual talk group (VTG) hosted by the communication systems 100, 150.

[0030] Various communication endpoints (e.g., the telephones 106, the mobile phones 108, the VoIP phones 110, the PTT radios 154, and the computers 112) may participate in communications in a particular virtual talk group (VTG). The communication endpoints may be grouped, for example, in to emergency response teams. Accordingly, the system 300 is shown by way of example to include a first group 304 comprising communication endpoints 304.1–304.q. Users 305.1–305.q are respectively associated with endpoint 304.1–304.q. In the example embodiment, the users 305.1–305.q have their communication endpoints set to a channel 1. Likewise, in the example system 300 shown in **Figure 3**, a second group 306 is shown to comprise communication endpoints 306.1–306.r. In a similar fashion to the first group 304, the endpoints 306.1–306.r are each associated with a user 307.1–307.r, respectively. The users 307.1–307.r are shown to have their mobile communication devices 306.1–306.r set to channel n.

[0031] In addition to the audio channels 302.1–302.n, the system 300 includes a plurality of video feeds 303. The video feeds 303 are shown by way of example to be grouped into a first group 308 and a second group 310. Each group 308, 310 may be associated with one or more communication channels. Accordingly as shown by way of example in **Figure 3**, the first group 308 is shown to be associated with the first channel 302.1 and a second group 310 is associated

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with third channel 302.3. The first group 308 is shown to include video feeds 308.1–308.m and the second group 310 is shown to include video feeds 310.1–310.p. The first group 308 may be associated with an emergency response team (e.g. a fire department emergency response team, a police emergency response team, or the like). The second group 310 may, for example, be associated with a different emergency response team.

[0032] As described in more detail below, video feeds 308.1–308.m may be automatically associated with the first channel 302.1 so that, in use, when any user 305.1–305.q sets an associated mobile communication device 304.1–304.q, respectively, to the first channel 302.1 the video feeds 308.1–308.m are made accessible to the users 305.1–305.q. In the example embodiment, the video feeds 310.1–310.p are shown not to be presented to the users 305.1–305.q and thus, for example, video feeds that may not be relevant to a particular VTG may thus not be made accessible to the users 305.1–305.q. Thus, in an example embodiment, the users 305.1–305.q are not presented with video feeds that are not relevant to their particular group 304. The group 304 may correspond to the group 308. As a result, in an example embodiment the users 305.1-305.q may focus their attention to video feeds that are relevant to their operation.

[0033] In an example embodiment, a dispatcher may render access to a particular user(s) (e.g., the user 305.1) to a specific channel or a specific VTG. When the dispatcher renders access to a specific channel or VTG, the system 300 may automatically render access to the associated video feeds 308.1-308.m to the user (e.g., the 305.1).

[0034] The system 300 is also shown, by way of example, to include a policy module 312. The policy module 312 may automatically associate video feeds with a particular group of video feeds, automatically associate groups of feeds with channels, VTGs, or the like based on policy data. In an example embodiment, the policy module 312 may also determine which video feeds in a group of video feeds are viewable by any one or more of the users 305.1–305.q. For example,

certain video feeds may not be rendered to one or more of the mobile communication devices 304.1–304.q.

[0035] In an example embodiment, the policy module 312 may analyze a current location of the users 305.1-305.q. As one or more users 305.1-305.q approach a location from which specific video feed is originating (e.g., a video feed from a camera 122 pointed at a junction towards which a fire-truck is heading, the policy module 312 may automatically associate the video feed from the relevant camera 122 with the communication channels of the fire truck and render access to this video feed to all other members of a fire-truck VTG. In an example embodiment, the policy module 312 may include one or more of the following policies: a policy that may be set by the user, a policy that may be set by the dispatcher or administrator, a policy that governs only a specific user, or a policy that may govern all users of the system 300.

[0036] **Figure 4** depicts a flow diagram of a general overview of a method 400, in accordance with an example embodiment, for associating video feeds with a communication channel associated a plurality of mobile communication devices. The method 400 may be performed by the apparatus 200 (see **Figure 2**) and, accordingly, is described by way of example with reference thereto. In the method 400, a user interface may optionally be presented to a user (e.g., the user 305.1–305.q or 307.1–307.r) to allow the user to select a communication channel 302.1–302.n to which his/her mobile communication device 304.1–304.q or 306.1–306.r is to be set or tuned to. The method 400, as shown at block 402, may then monitor selection of a communication channel by the user 305.1–305.q, 307.1–307.r of an associated mobile communication device 304.1–304.n, 306.1–306.r. Thereafter, as shown at block 404, the apparatus 200 may identify which particular channel has been selected (e.g., see the channel identifier module 204 in **Figure 2**). At least one video feed associated with the selected channel (see block 404) may be identified (e.g., by the video feed identifier module 206). It will be appreciated that, one or more of the communication devices 304.1–304.n, 306.1–306.r. may not receive any feeds. Thus, in an example embodiment, a dispatcher may control what video feeds

308.1–308.m, if any, are made available to one or more of the users 305.1–305.q, 307.1–307.r.

[0037] It should be noted that the rendering of access to the video feeds 308.1–308.m is not limited to operations or selections performed on the mobile communication device 304.1–304.q or 306.1–306.r. In addition or instead, the user interface may be presented to a dispatcher who may then configure the nature of the access made available to the users (e.g., the user 305.1–305.q or 307.1–307.r). For example, the dispatcher may configure which channels or VTGs a user 305.1–305.q or 307.1–307.r) may access. In this example embodiment, since the video feeds may be associated with a given channel or VTG, as the dispatcher renders the access to specific channel or VTG to a given user, the user is automatically also presented with access to the associated video feeds which may be relevant to his/her operation.

[0038] Once the particular channel has been selected and the at least one video feed associated with the channel has been identified, the method 400 may then provide any mobile communication device 305.1–305.q or 307.1–307.r that is set to the particular channel with access to the at least one video feed. In an example embodiment, a plurality of different video feeds is associated with each channel in an automatic manner so that the feeds are made available to a user of a mobile communication device that is set to the associated channel. In an example embodiment, a GUI is optionally provided to the user to select one, or a subset, of the plurality of video feeds, whereafter, as shown at block 408, the video feed may be then communicated to the mobile communication device.

[0039] **Figure 5** depicts a flow diagram of a general overview of a method 500, in accordance with an example embodiment, for identifying channels with which to associate video feeds. As shown at block 502, access to a plurality of available video feeds, associated with a communication channel, may be provided on a display of the mobile communication device (e.g., the mobile communication devices 304.1–304.q, 306.1–306.r). In an example embodiment, as only a limited number of relevant video feeds may be provided to a user, selection of an appropriate video feed may be facilitated. For example, in the system 300 shown in

Figure 3, the video feeds 308.1–308.m are associated with the first channel 302.1. When the mobile communication devices 304.1–304.q are set to have access to the first channel 302.1, the operation in block 502 may enable access to video feeds 308.1–308.m to the users 305.1–305.q.

[0040] As shown at block 504, the method 500 may then monitor selection of at least one video feed from the plurality of available feeds (e.g., the video feeds 308.1–308.m) and associate the selected at least one video feed with the one or more of the communication channels 302.1 - 302.n. or one or more specific VTG. When the system 300 renders to a specific mobile communication devices 304.1–304.q, 306.1–306.r the ability to access a specific channel 302.1 - 302.n. or a specific VTG, the system 300 may automatically render to the same communication device 304.1–304.q, 306.1–306.r the ability to access the associated video feed. The associated video feed may be streamed to the mobile communication device if the user selects the associated video feed from a sub-set of video feeds to which he/she was provided access to. In an example embodiment, the video feeds may be stored at a central location and, upon selection of the video feed by the user, they may then be streamed to the mobile communication device 304.1–304.q, 306.1–306.r. In addition, or instead, the video feeds may be live video feeds streamed in real time.

[0041] In an example embodiment, the video feeds may be video feeds sourced from a video surveillance camera. Thus, the methods and apparatus described herein may be used by public safety and first responders (PSFR) and by emergency response teams (ERT). In an example embodiment, the methods 400, 500 and apparatus 200 are deployed in an IPICS system as described by way of example with reference to **Figure 1B**. Accordingly, in an example embodiment, the communication channels are communication channels in the PTT network. Only a limited number of video feeds may be associated with a VTG and video feeds that are not relevant to operations associated with a particular VTG may be filtered. Accordingly, in an example embodiment, the example methods described herein may provide automated control of access by PSFR and ERT team members to video surveillance streams. In an example embodiment, by controlling the video feeds to

which ERT personnel have access, the system 300 may automatically facilitate access only to relevant video streams while reducing the information overload to the end user. By limiting the access to non-relevant video streams, information overload is at least reduced thus enhancing the efficiency of ERT personnel.

[0042] In an example embodiment which includes a communication system with trunk radio, base stations may be provided that a system administrator can use to facilitate communication with different teams which utilize specific communication channels. For example, users may select a specific region with which they may want to communicate and within the specific region, a specific radio base station may be requested to tune itself to a specific frequency associated with a pre-determined communication channel. A user of the mobile communication device 304.1–304.q, 306.1–306.r may select a specific region from a set of regions. By selecting the specific region the user may gain access to the radio base station associated with the said region. When a user selects a particular region, the user may be presented with communication channels (see channels 302.1–302.n) where each channel 302.1–302.n is associated with a specific region and as such with a specific radio base station. Thus, in one example embodiment the first group 308 in the system 300 shown in **Figure 3** may be associated with one geographical region and the second group 310 may be associated with a second geographical region. In a similar fashion to the GUI to select channels on a mobile communication device, a GUI may be provided to select regions.

[0043] In an example embodiment, when a user selects a specific VTG hosted by a particular channel, the system 300 provides him/her with access to a set of surveillance cameras. The set of surveillance cameras may, for example, be associated with a specific ERT and, as a result, the user selecting the specific VTG would then receive or have access to all video feeds associated with the particular VTG. In an example embodiment, the association between the video feeds and a communication channel may be configured at a central location. For example, the association may be statically configured in an IPICS database. The configuration may also be based on a policy or the roles the individual users may play in an

emergency operation. In one example embodiment, a policy module (e.g., the policy module 312) has access to the GPS information (not shown) of the users (e.g., the users 305.1–305.q or 307.1–307.r). The policy module then may, for example, automatically facilitate access to video streams relevant to the locations of ERT team members.

[0044] **Figure 6** shows a flow diagram of a general overview of a method 600, in accordance with an example embodiment, for associating video feeds with communication channels based on an audio event. In one example embodiment, the method 600 described below may be implemented at least in part by the policy module 312. As shown at block 602, the method 600 monitors an audio signal generated in proximity to a video camera providing a video feed. For example, the audio signal may be a gunshot requiring a response by an ERT. As shown at block 604, the method 600 may process the audio signal to identify an audio event (e.g., the gunshot). Once the audio event had been identified, the identified video feed from the surveillance camera may be associated with a communication channel associated with the ERT. Thus, based on an identified audio event, access to a video feed may be provided to a plurality of mobile communication devices in a group of mobile communications associated with the event (see block 606).

[0045] **Figure 7** depicts a flow diagram of a general overview of a method 700, in accordance with an example embodiment, for associating video feeds with communication channels based on geographical location data. As shown at block 702, a geographical location of a local mobile communication device may be identified using a global positioning system (GPS). Thereafter, as shown at block 704, the method 700 may identify at least one video feed associated with the identified geographical location. In one example embodiment, based on a specific policy governing the policy module 312, the identified video feed may then be automatically associated with other mobile communication devices set to the same channel as the local communication device. (See block 706).

[0046] When the method 700 is deployed in the system 300, a control center (e.g., an IPICS) may dynamically access a GPS location of each mobile

communication device, 304.1–304.q, 306.1–306.r. The control center may also maintain information about, or have access to, a range of views covered by video cameras provided at various geographical locations. In an example embodiment, a matching module may be provided to match mobile communication devices 304.1–304.q, 306.1–306.r and, accordingly, associate users 305.1–305.q, 307.1–307.r with one or more video streams. For example, mobile communication devices 304.1–304.q, 306.1–306.r within a given radius of a particular video camera may be identified. Thus, when a mobile communication device 304.1–304.q, 306.1–306.r is located within the aforementioned radius, access to video feeds within the radius may be provided to the users 305.1–305.q, 307.1–307.r an associated mobile communication device 304.1–304.q, 306.1–306.r.

[0047] In an example embodiment, when two or more users are placed into a common VTG, and hence associated with a common communication channel, the list or group of available video streams to which each user has access may be automatically updated to include video feeds seen by all members of a particular team associated with the common communication channel. Thus, in an example embodiment, all team members having their mobile communication devices 304.1–304.q, 306.1–306.r set to a common communication channel may share the same video information.

[0048] **Figure 8** shows an example GUI 800, in accordance with an example embodiment, to allow a user to select a video feed associated with a communication channel. For example, the GUI 800 may be provided on one or more of the mobile communication devices 304.1–304.q, 306.1–306.r. In an example embodiment, the GUI 800 may be generated by the graphical user interface module 208 of the apparatus 200 (see **Figure 2**).

[0049] The GUI 800 is shown to include a channels zone 802 and available video feed zone 804. The channel zone 802 shows a plurality of communication channels 802.1–802.n to which the mobile communication device 304.1–304.q, 306.1–306.r may be set. Associated with each channel 802.1–802.n is a video feed drop-down menu 803.n to allow a user to select one of a plurality of video feeds

automatically associated with an associated channel 802.1–802.n. In the example GUI 800 shown in **Figure 8**, video feeds 804.1–804.m are shown to be available from the video dropdown menu 803.1. Thus, using the GUI 800, a user may thus select a video feed for viewing on the communication device.

[0050] In an example embodiment, the available feeds may be based on an access policy or a particular role (e.g., coordinator, response team member, or the like) that is associated with the user of a mobile communication device. Thus, in an example embodiment, the policy rules 806 associated with the communication channel of a specific zone are displayed. Accordingly, in an example embodiment, the GUI 800 allows a user to select one of a plurality of channels and, when a particular channel is selected, videos associated with the channel are available for viewing by the user. It should be noted that while the system 300 may automatically facilitate viewing of the associated video feeds, it may also prevent the user from accessing video feeds which are not required to fulfill his/her duties, thus at least reducing the user from experiencing unnecessary information overload.

[0051] **Figure 9** shows a GUI 900 in accordance with an example embodiment, to allow a user to select a communication frequency associated with a communication channel. The GUI 900 is shown to include a plurality of channel identifiers 902.1–902.s, each of which has an associated frequency drop-down menu (see drop-down menu 904.s). For example, when a user selects a drop-down menu associated with the first channel 902.1, it is expanded to provide a plurality of available frequencies to which channel 1 may be tuned (see expanded drop-down menu 906). The expanded drop-down menu 906 is shown to include a first frequency 906.1 associated with a first zone, a second frequency 906.2 associated with a second zone and so on. In an example embodiment, the frequencies may however, in addition or instead, be associated with one or more emergency response teams. When a particular frequency is selected from the expanded drop-down menu 906, the transmission and receiving frequency of the associated radio base station may be changed accordingly and access to the associated video stream may be granted to the user.

[0052] In an example embodiment, a user may select a specific VTG by selecting one of the channels 902.1–902.s. Thereafter, a frequency associated with a region in which the user is located may be selected using the drop-down menus. Thereafter, in an automated manner without human intervention, groups of video feeds (e.g., surveillance cameras) may then be accessible by the user. Thus, in an example embodiment, a radio frequency of a given base station in a specific geographical region may be selected, thereby automatically providing access to video feeds associated with the selected frequency.

[0053] For example, the frequency 906.1 may be associated with ERT 1 and the second frequency 906.2 may be associated with ERT 2. Accordingly, when a user alters the frequency of the radio base station from the first frequency 906.1 to the second frequency 906.2, the list of available video feeds changes from video feeds associated with ERT 1 to video streams associated with ERT 2. Accordingly, in an example embodiment, a specific user may only receive those video feeds that are relevant to a particular ERT and, accordingly, not be presented with a plurality of video feeds that are not, under the circumstances, relevant to the specific user. In an example embodiment, a dispatcher at a control center may associate a set of video feeds with a given channel (e.g., one of the channels 902.1–902.s). In yet another example embodiment, a dispatcher at an operations center may make the selection of channel and/or the frequency that are made available to a user.

[0054] When the user accesses or sets his/her mobile communication device to a channel 902.1–902.s, associated video feeds are automatically accessible by the user. In an example embodiment, the channels 902.1–902.s are PPT channels in a PTT communication network.

[0055] **Figure 10** shows a GUI 1000, in accordance with an example embodiment, to allow an administrator to associate one or more video feeds with a communication channel. In an example embodiment, the GUI 1000 may be provided at a central control facility where an administrator console is provided. It will be appreciated that the GUI 1000 may have various different drop-down menus to configure channels, frequencies, and associated video streams. The GUI 1000 is

shown in a state where an administrator has chosen a first frequency associated with a first zone or ERT (see also the GUI 900 of **Figure 9**). The GUI 1000 reflects a situation where the administrator has associated video feeds 1000.1–1000.4 with the first frequency. It will, however, be appreciated that the GUI 1000 could be configured to allow selection of any different video feeds with a particular frequency. It should be noted that in an example embodiment, an administrator or dispatcher in a central control facility may script or configure a policy which governs the association of video streams with communication channels and VTGs. The system 300 (e.g., in the policy module 312) may automatically associate the video feeds with an appropriate channel and VTG. The system 300 may then automatically provide access to the video streams to the users of the channel and/or VTG.

[0056] **Figure 11** is a simplified block diagram of a machine in the example form of a computing system within which a set of instructions for causing the machine to perform any one or more of the methodologies discussed herein may be executed. In alternative embodiments, the machine may be connected (e.g., networked) to other machines. In a networked deployment, the machine may operate in the capacity of a server or a client machine in a server-client network environment, or as a peer machine in a peer-to-peer (or distributed) network environment. The machine may be a personal computer (PC), a tablet PC, a set-top box (STB), a Personal Digital Assistant (PDA), a cellular telephone, a web appliance, or any machine capable of executing a set of instructions (sequential or otherwise) that specify actions to be taken by that machine. Further, while only a single machine is illustrated, the term "machine" shall also be taken to include any collection of machines that individually or jointly execute a set (or multiple sets) of instructions to perform any one or more of the methodologies discussed herein.

[0057] The example computing system 1100 includes a processor 1102 (e.g., a central processing unit (CPU), a graphics processing unit (GPU) or both), main memory 1104 and static memory 1106, which communicate with each other via bus 1108. The computing system 1100 may further include video display unit 1110

(e.g., a plasma display, a liquid crystal display (LCD) or a cathode ray tube (CRT)). The computing system 1100 also includes alphanumeric input device 1112 (e.g., a keyboard), user interface (UI) navigation device 1114 (e.g., a mouse), disk drive unit 1116, signal generation device 1118 (e.g., a speaker), and network interface device 1120.

[0058] A disk drive unit 1116 includes machine-readable medium 1122 on which is stored one or more sets of instructions and data structures (e.g., software 1124) embodying or used by any one or more of the methodologies or functions described herein. Software 1124 may also reside, completely or at least partially, within main memory 1104 and/or within the processor 1102 during execution thereof by the computing system 1100, with the main memory 1104 and the processor 1102 also constituting machine-readable, tangible media. Software 1124 may further be transmitted or received over a network 1126 via a network interface device 1120 using any one of a number of well-known transfer protocols (e.g., Hypertext Transfer Protocol (HTTP)).

[0059] While the machine-readable medium 1122 is shown in an example embodiment to be a single medium, the term "machine-readable medium" should be taken to include a single medium or multiple media (e.g., a centralized or distributed database, and/or associated caches) that store the one or more sets of instructions. The term "machine-readable medium" shall also be taken to include any medium that is capable of storing, encoding or carrying a set of instructions for execution by the machine and that causes the machine to perform any one or more of the methodologies of the present application, or that is capable of storing, encoding or carrying data structures utilized by or associated with such a set of instructions. The term "machine-readable medium" shall accordingly be taken to include, but not be limited to, solid-state memories, optical and magnetic media, and carrier wave signals.

[0060] While the invention(s) is (are) described with reference to various implementations and exploitations, it will be understood that these embodiments are illustrative and that the scope of the invention(s) is not limited to them. In general,

techniques for embedding priorities in multimedia streams may be implemented with facilities consistent with any hardware system(s) defined herein. Many variations, modifications, additions, and improvements are possible.

[0061] Plural instances may be provided for components, operations, or structures described herein as a single instance. Finally, boundaries between various components, operations, and data stores are somewhat arbitrary, and particular operations are illustrated in the context of specific illustrative configurations. Other allocations of functionality are envisioned and may fall within the scope of the invention(s). In general, structures and functionality presented as separate components in the exemplary configurations may be implemented as a combined structure or component. Similarly, structures and functionality presented as a single component may be implemented as separate components. These and other variations, modifications, additions, and improvements fall within the scope of the invention(s).

CLAIMS

What is claimed is:

1. A method comprising:

monitoring selection of a communication channel by a user of a mobile communication device;

identifying at least one video feed associated with the selected channel; and

providing access to the mobile communication device to the identified at least one video feed, wherein providing the access is based on a user policy.

2. The method of claim 1, wherein providing access comprises associating the identified video feed with the mobile communication device.

3. The method of claim 1, further comprising:

accessing a database to identify a plurality of members of an emergency response team; and

presenting a plurality of available video feeds on a display of the mobile communication device, the plurality of available video feeds including video streams associated with the plurality of members of the emergency response team.

4. The method of claim 3, wherein the available video feeds are sourced from a group of surveillance cameras.

5. The method of claim 1, wherein the communication channel is a Push-To-Talk (PTT) channel in a PTT communication network and the mobile communication device is a PTT radio.

6. The method of claim 1, further comprising:

accessing a database to identify a group of video feeds associated with the user; and

when the user selects the communication channel, providing access to the group of video feeds associated with the user to one or more other users of communication channel.

7. The method of claim 1, further comprising:

providing a plurality of radio frequencies on a display of the mobile communication device, each radio frequency being associated with a geographical zone;

monitoring selection of a radio frequency of the plurality of radio frequencies by the user; and

providing access to a plurality of video feeds associated with the geographical zone.

8. The method of claim 1, further comprising:

monitoring an audio signal generated in proximity to a video camera providing the video feed;

processing the audio signal to identify an audio event; and

based on the identified audio event, providing access to the video feed to a plurality of mobile communication devices in a group of mobile communication devices.

9. The method of claim 1, wherein the communication channel is associated with a Virtual Talk Group (VTG).

10. The method of claim 1, wherein providing access to the video feeds depends on a video association policy.

11. The method of claim 10, wherein the video association policy includes role of the user defined in a policy database.

12. The method of claim 1, further comprising:

identifying a geographical location of a local mobile communication device using a Global Positioning System;

identifying at least one video feed associated with the geographical location;

associating the video feed with other mobile communication devices set to the same channel as the local mobile communication device; and

automatically rendering access to the at least one video feed to the other mobile communication devices.

13. An apparatus, comprising:

at least one processor; and

a memory in communication with the at least one processor, the memory being configured to store a video stream association module executable by the at least one processor, and the video stream association module executed by the at least one processor causes operations to be performed, the operations comprising:

monitoring selection of a communication channel by a user of a mobile communication device;

identifying at least one video feed associated with the selected channel; and

providing access to the mobile communication device to the identified at least one video feed wherein providing the access is based on a user policy.

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14. The apparatus of claim 13, wherein providing access comprises associating the identified video feed with the mobile communication device.

15. The apparatus of claim 13, wherein the operations further comprise:

accessing a database to identify a plurality of members of an emergency response team; and

presenting a plurality of available video feeds on a display of the mobile communication device, the plurality of available video feeds including video streams associated with the plurality of members of the emergency response team.

16. The apparatus of claim 15, wherein the available video feeds are sourced from a group of surveillance cameras.

17. The apparatus of claim 13, wherein the communication channel is a Push-To-Talk (PTT) channel in a PTT communication network and the mobile communication device is a PTT radio.

18. The apparatus of claim 13, wherein the operations further comprise:

accessing a database to identify a group of video feeds associated with the user; and

when the user selects the communication channel, providing access to the group of video feeds associated with the user to one or more other users of communication channel.

19. The apparatus of claim 13, wherein the operations further comprise:

providing a plurality of radio frequencies on a display of the mobile communication device, each radio frequency being associated with a geographical zone;

monitoring selection of a radio frequency of the plurality of radio frequencies by the user; and

providing access to a plurality of video feeds associated with the geographical zone.

20. The apparatus of claim 13, wherein the operations further comprise:

monitoring an audio signal generated in proximity to a video camera providing the video feed;

processing the audio signal to identify an audio event; and

based on the identified audio event, providing access to the video feed to a plurality of mobile communication devices in a group of mobile communication devices.

21. The apparatus of claim 13, wherein the communication channel is associated with a Virtual Talk Group (VTG).

22. The apparatus of claim 13, wherein providing access to the video feed depends on a video association policy, the video association policy including a role of the user defined in a policy database.

23. The apparatus of claim 13, further comprising:

identifying a geographical location of a local mobile communication device using a Global Positioning System;

identifying at least one video feed associated with the geographical location;

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associating the video feed with other mobile communication devices set to the same channel as the local mobile communication device; and

automatically rendering access to the at least one video feed to the other mobile communication devices.

24. Apparatus comprising:

a monitor module to monitor selection of a communication channel by a user of a mobile communication device;

a channel identifier module to identify at least one video feed associated with the selected channel; and

means for providing access to the mobile communication device to the identified at least one video feed, wherein providing the access is based on a user policy.

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ABSTRACT

A method and apparatus to provide access to video streams associated with communication channels in a communication network are described. The method may comprise monitoring selection of a communication channel by a user of a mobile communication device, identifying at least one video feed associated with the selected channel, and providing access to the mobile communication device to the selected at least one video feed. Providing access may comprise associating the selected video stream with the mobile communication device.

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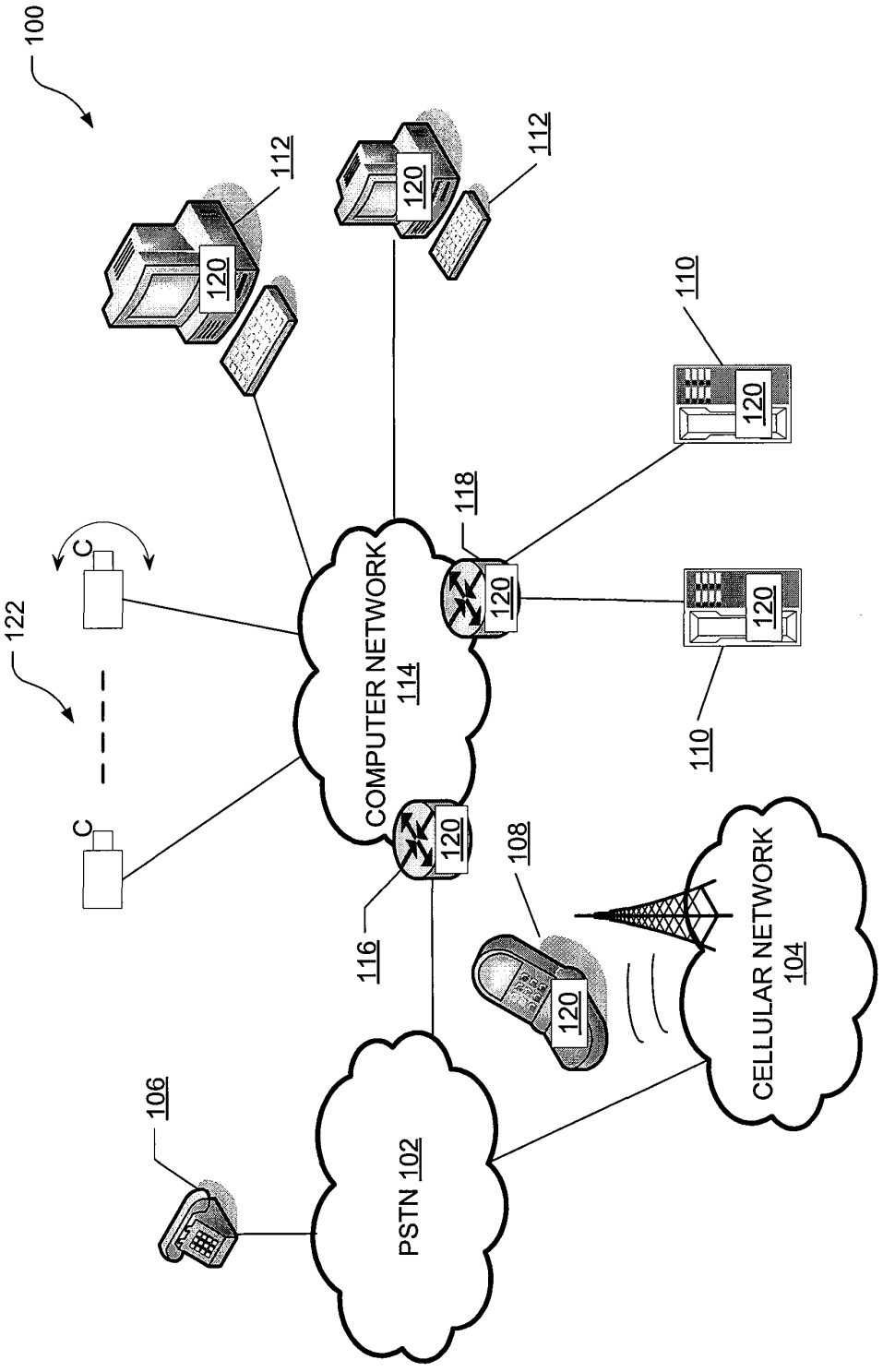

100
112
120
112
120
110
120
118
120
122
C
C
COMPUTER NETWORK
114
120
110
120
116
108
120
CELLULAR NETWORK
104
106
PSTN 102

FIG. 1A

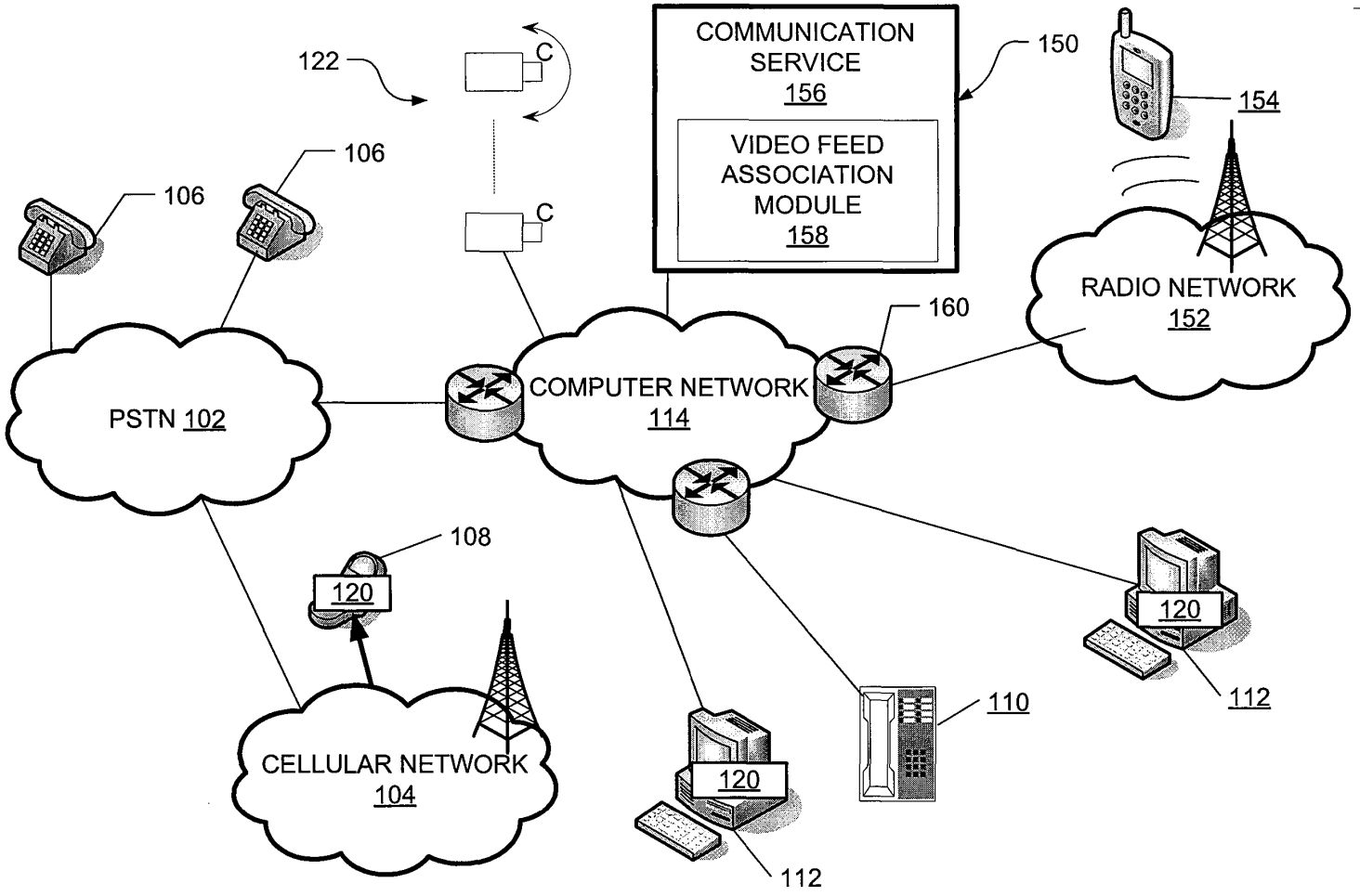

COMMUNICATION SERVICE
156
VIDEO FEED ASSOCIATION MODULE
158
150
122
C
C
106
106
154
RADIO NETWORK
152
160
PSTN 102
COMPUTER NETWORK
114
108
120
120
120
110
112
112
CELLULAR NETWORK
104

FIG. 1B

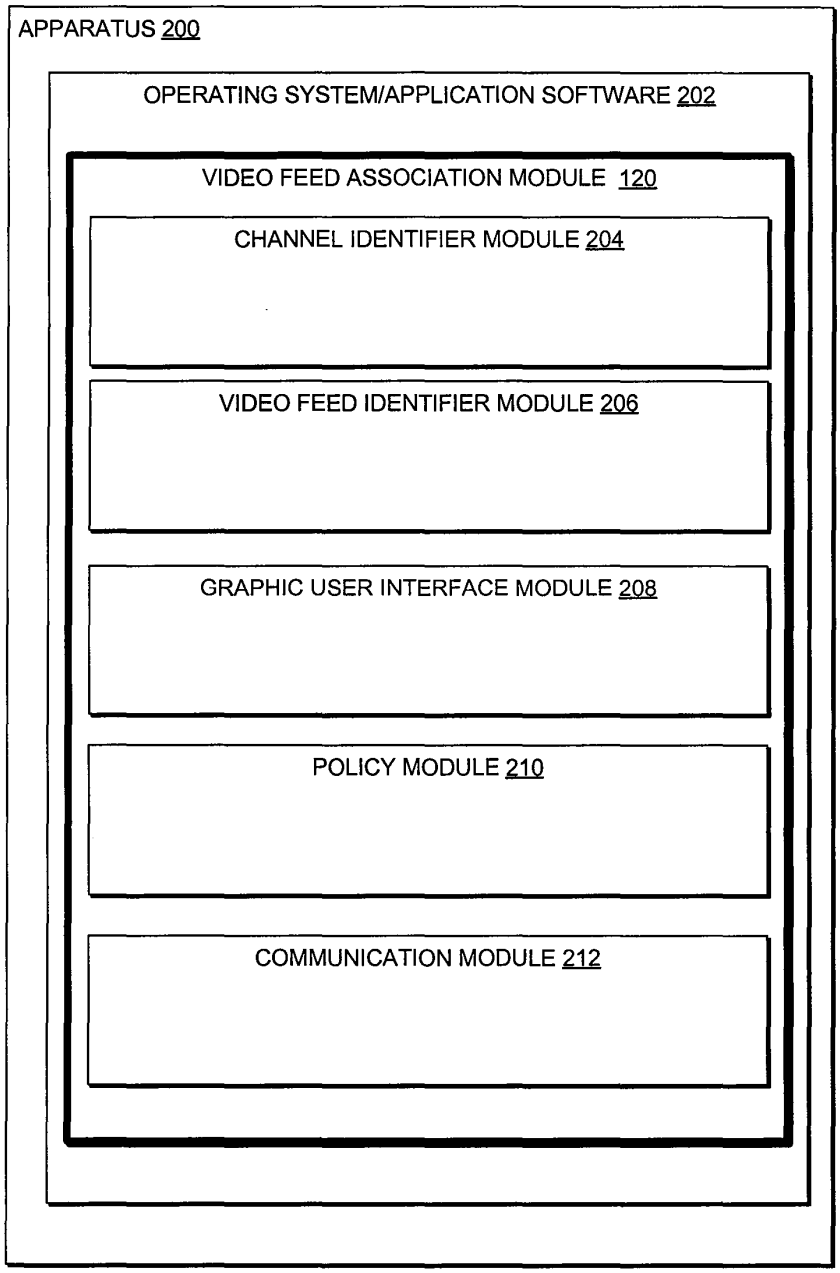

APPARATUS 200
OPERATING SYSTEM/APPLICATION SOFTWARE 202
VIDEO FEED ASSOCIATION MODULE 120
CHANNEL IDENTIFIER MODULE 204
VIDEO FEED IDENTIFIER MODULE 206
GRAPHIC USER INTERFACE MODULE 208
POLICY MODULE 210
COMMUNICATION MODULE 212

FIG. 2

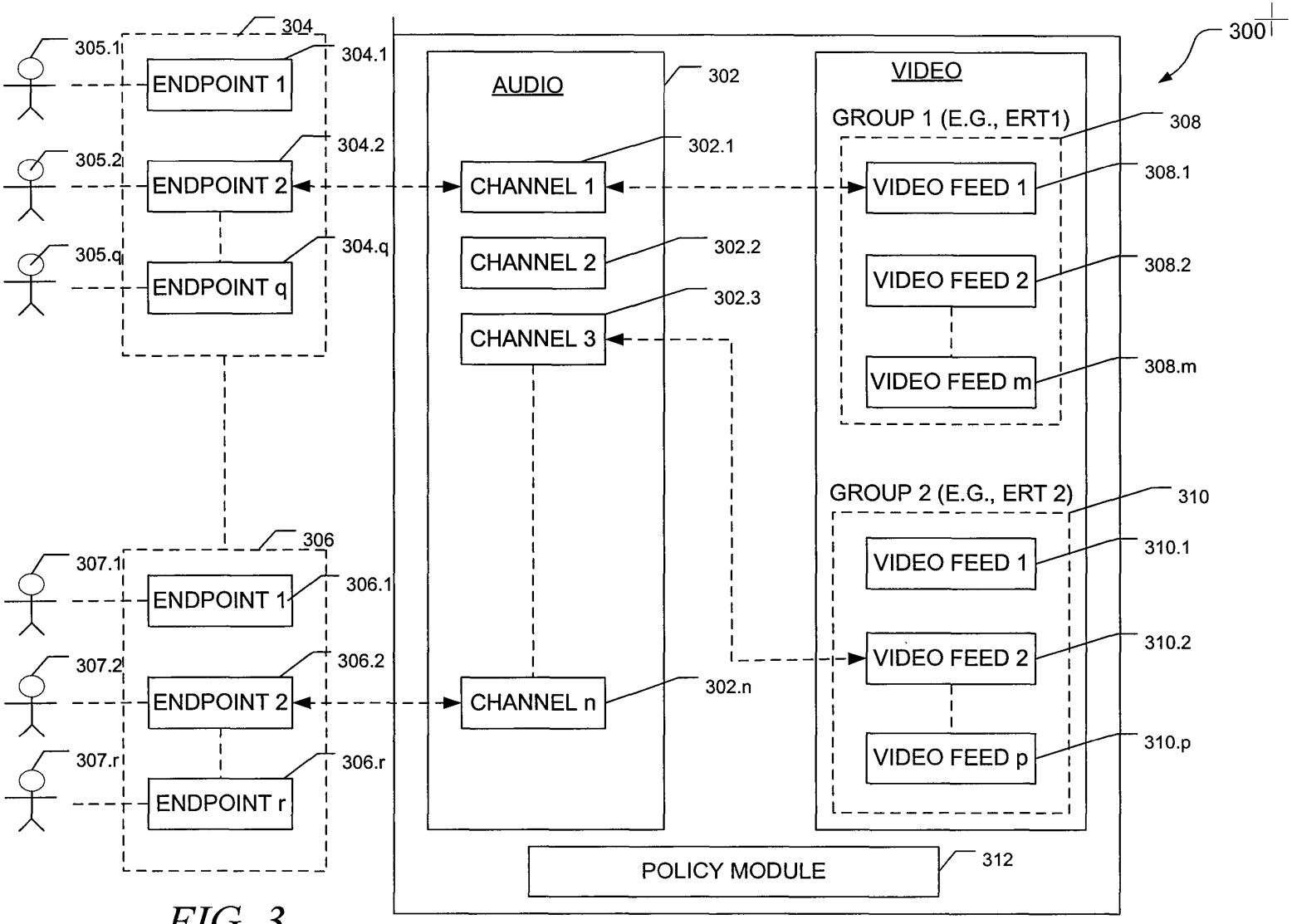


FIG. 3

TITLE: ACCESS TO VIDEO STREAMS ON MOBILE COMMUNICATION DEVICES
INVENTOR NAME: Shmuel Shaffer et al.
DOCKET NUMBER: 1370.252US1

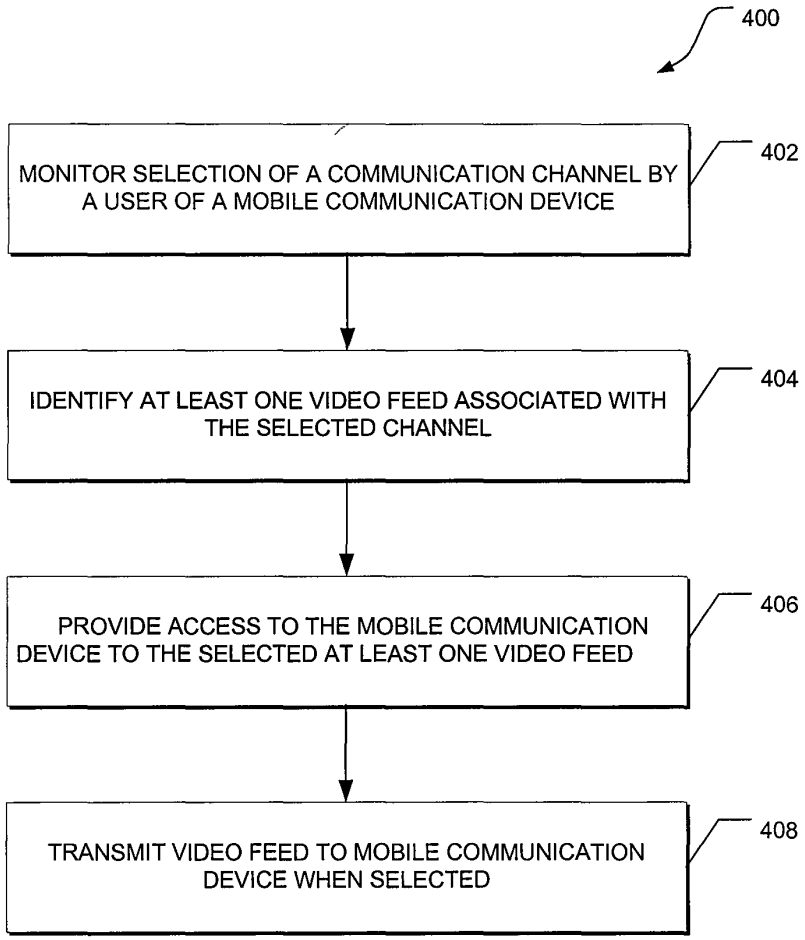

400
MONITOR SELECTION OF A COMMUNICATION CHANNEL BY A USER OF A MOBILE COMMUNICATION DEVICE
402
IDENTIFY AT LEAST ONE VIDEO FEED ASSOCIATED WITH THE SELECTED CHANNEL
404
PROVIDE ACCESS TO THE MOBILE COMMUNICATION DEVICE TO THE SELECTED AT LEAST ONE VIDEO FEED
406
TRANSMIT VIDEO FEED TO MOBILE COMMUNICATION DEVICE WHEN SELECTED
408

FIG. 4

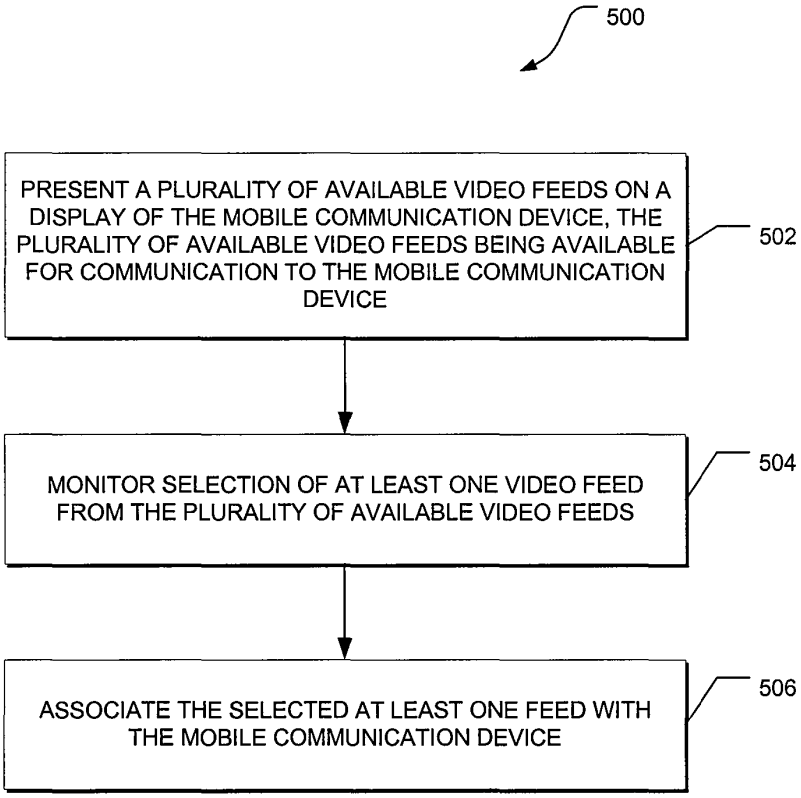

500
PRESENT A PLURALITY OF AVAILABLE VIDEO FEEDS ON A DISPLAY OF THE MOBILE COMMUNICATION DEVICE, THE PLURALITY OF AVAILABLE VIDEO FEEDS BEING AVAILABLE FOR COMMUNICATION TO THE MOBILE COMMUNICATION DEVICE
502
MONITOR SELECTION OF AT LEAST ONE VIDEO FEED FROM THE PLURALITY OF AVAILABLE VIDEO FEEDS
504
ASSOCIATE THE SELECTED AT LEAST ONE FEED WITH THE MOBILE COMMUNICATION DEVICE
506

FIG. 5

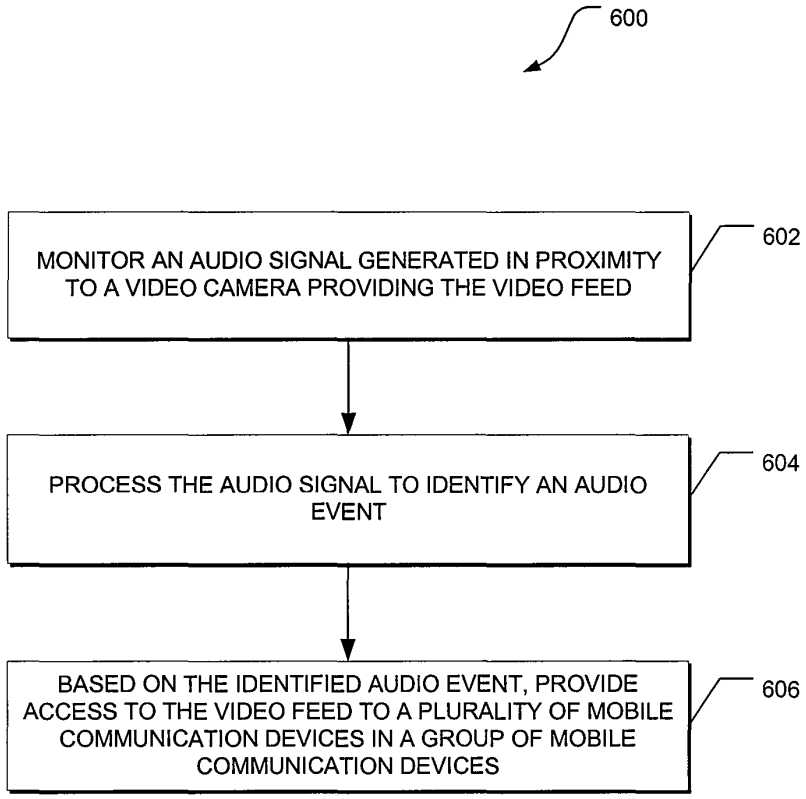

600
MONITOR AN AUDIO SIGNAL GENERATED IN PROXIMITY TO A VIDEO CAMERA PROVIDING THE VIDEO FEED
602
PROCESS THE AUDIO SIGNAL TO IDENTIFY AN AUDIO EVENT
604
BASED ON THE IDENTIFIED AUDIO EVENT, PROVIDE ACCESS TO THE VIDEO FEED TO A PLURALITY OF MOBILE COMMUNICATION DEVICES IN A GROUP OF MOBILE COMMUNICATION DEVICES
606

FIG. 6

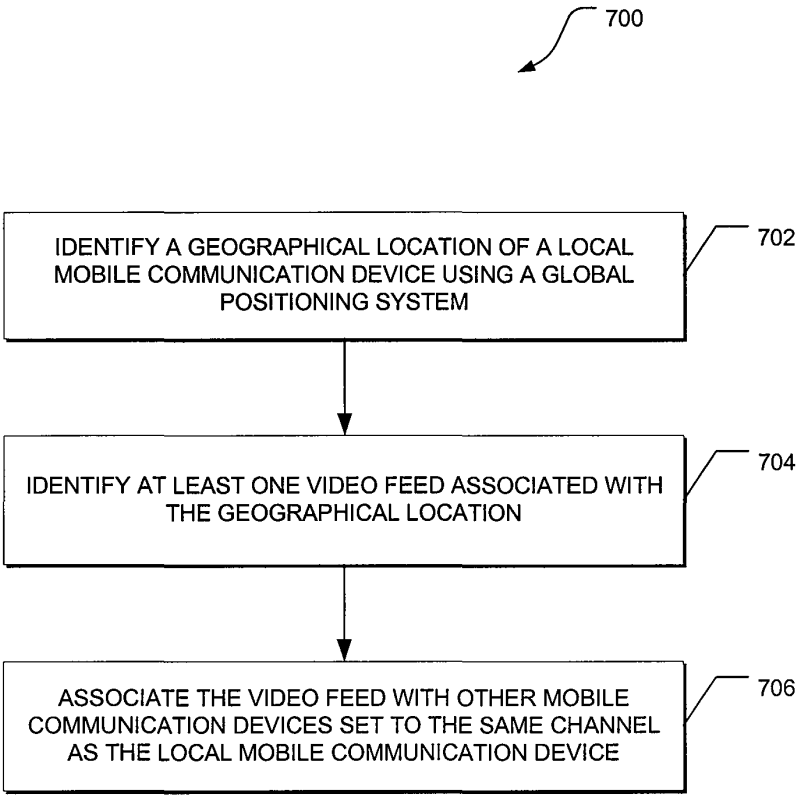

700
IDENTIFY A GEOGRAPHICAL LOCATION OF A LOCAL MOBILE COMMUNICATION DEVICE USING A GLOBAL POSITIONING SYSTEM
702
IDENTIFY AT LEAST ONE VIDEO FEED ASSOCIATED WITH THE GEOGRAPHICAL LOCATION
704
ASSOCIATE THE VIDEO FEED WITH OTHER MOBILE COMMUNICATION DEVICES SET TO THE SAME CHANNEL AS THE LOCAL MOBILE COMMUNICATION DEVICE
706

FIG. 7

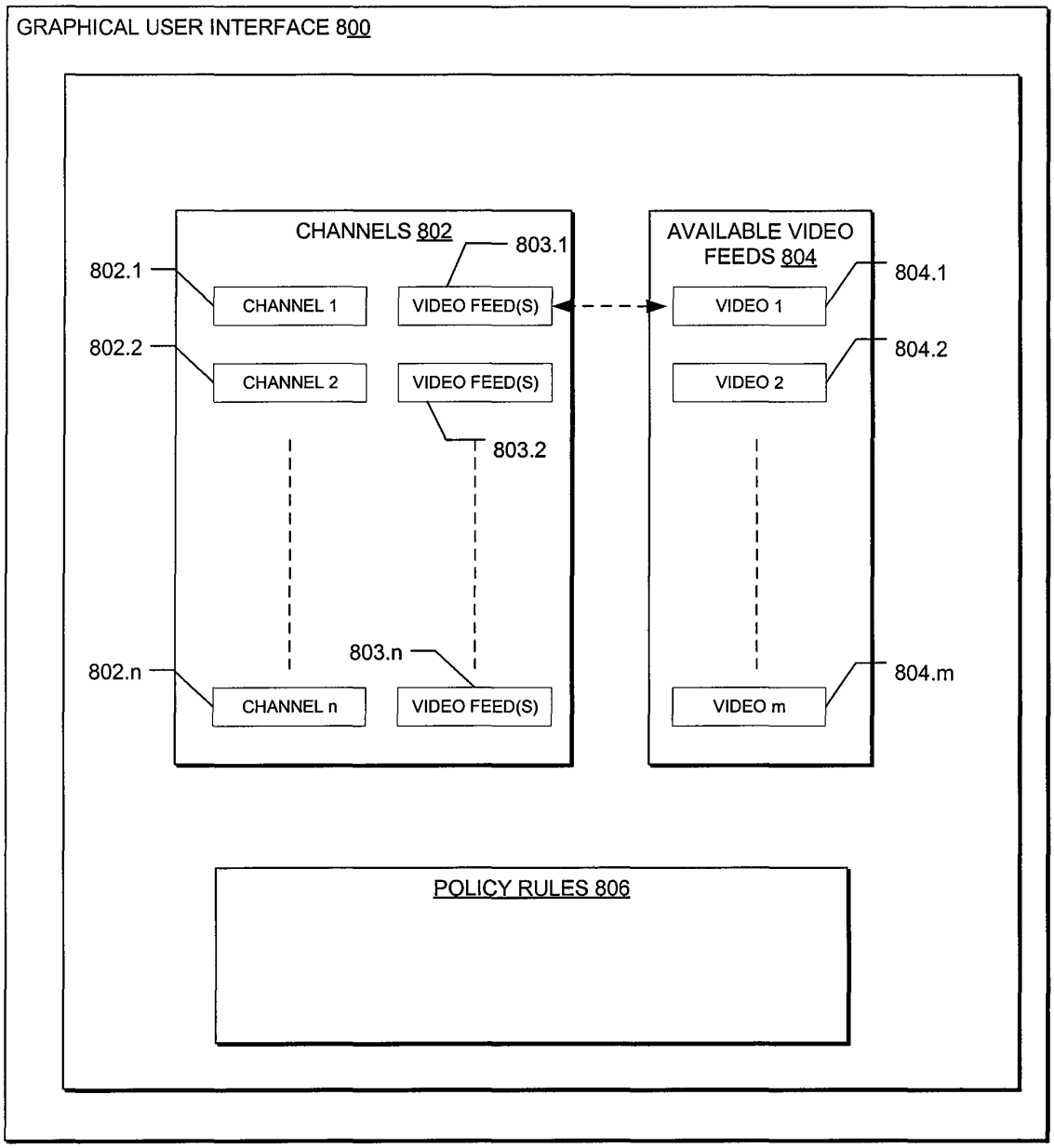

GRAPHICAL USER INTERFACE 800
CHANNELS 802
AVAILABLE VIDEO FEEDS 804
802.1
803.1
804.1
CHANNEL 1
VIDEO FEED(S)
VIDEO 1
802.2
804.2
CHANNEL 2
VIDEO FEED(S)
VIDEO 2
803.2
803.n
802.n
804.m
CHANNEL n
VIDEO FEED(S)
VIDEO m
POLICY RULES 806

FIG. 8

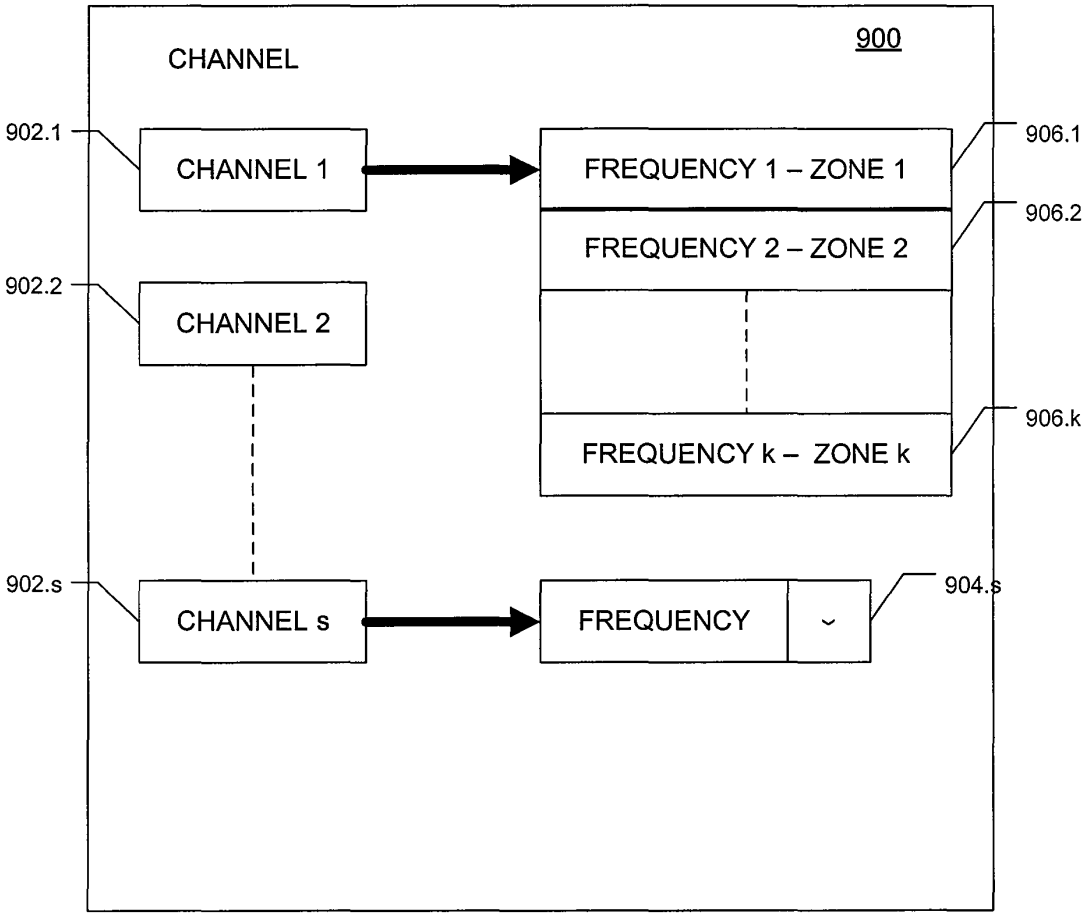

900
CHANNEL
902.1
CHANNEL 1
902.2
CHANNEL 2
902.s
CHANNEL s
FREQUENCY 1 – ZONE 1
FREQUENCY 2 – ZONE 2
FREQUENCY k – ZONE k
FREQUENCY
906.1
906.2
906.k
904.s

FIG. 9

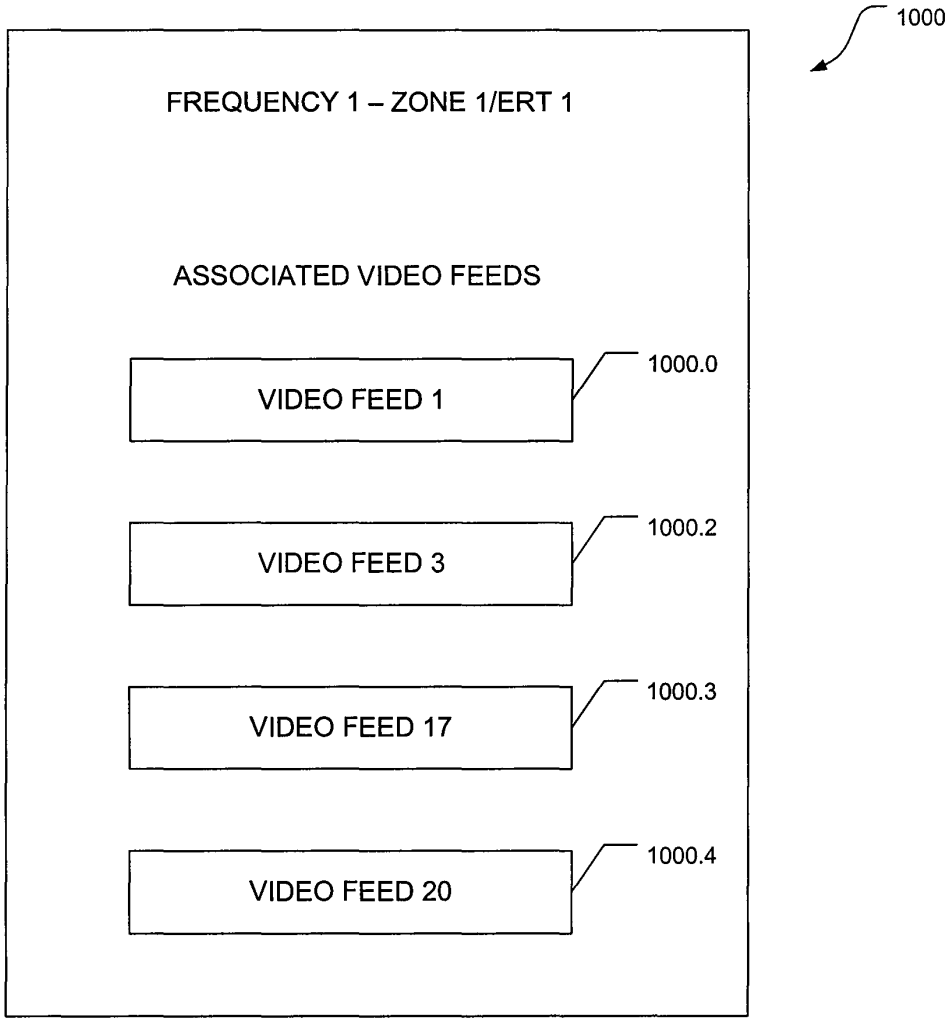

1000
FREQUENCY 1 – ZONE 1/ERT 1
ASSOCIATED VIDEO FEEDS
VIDEO FEED 1
1000.0
VIDEO FEED 3
1000.2
VIDEO FEED 17
1000.3
VIDEO FEED 20
1000.4

FIG. 10

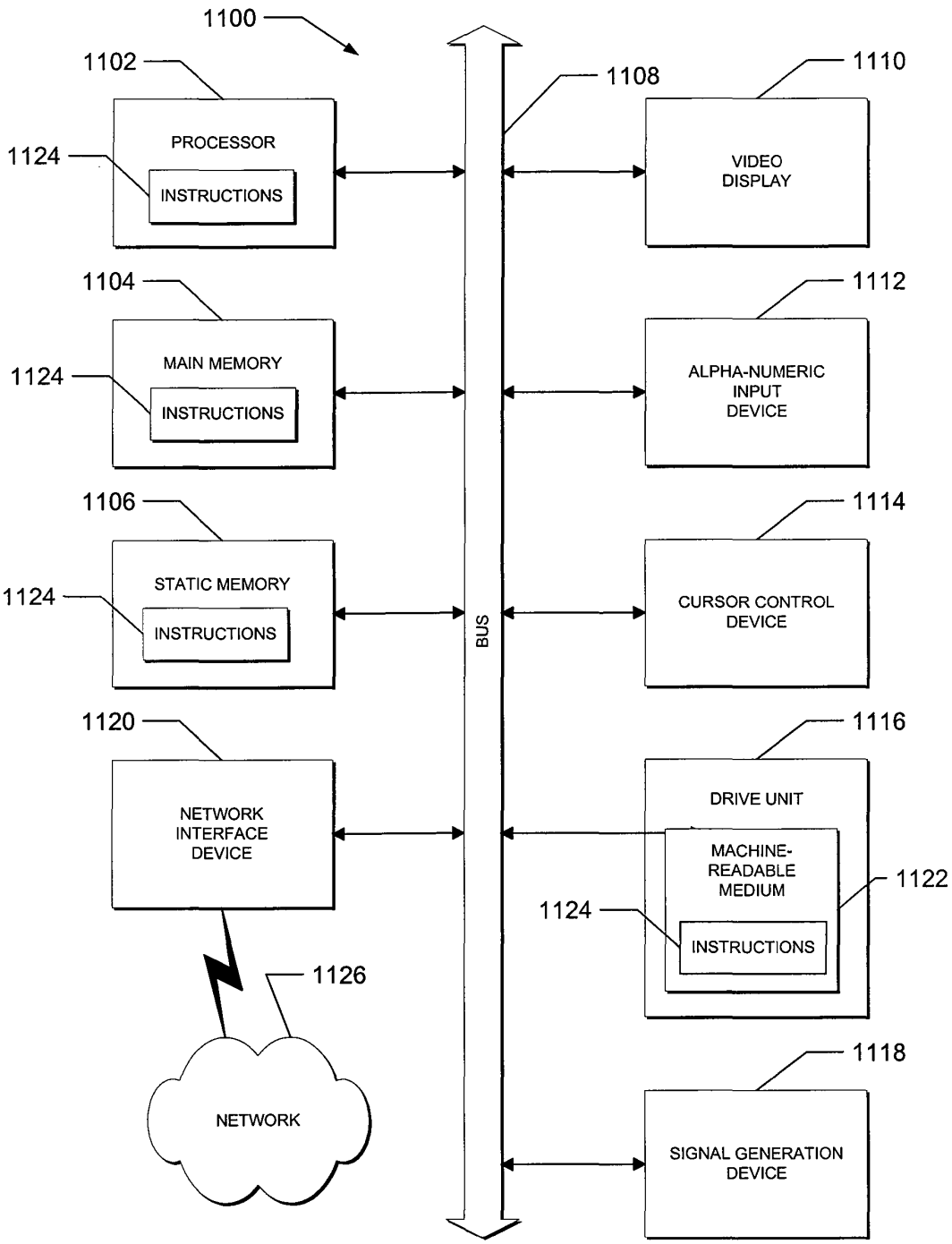

1100
1102
PROCESSOR
1124
INSTRUCTIONS
1104
MAIN MEMORY
1124
INSTRUCTIONS
1106
STATIC MEMORY
1124
INSTRUCTIONS
1120
NETWORK INTERFACE DEVICE
1126
NETWORK
BUS
1108
1110
VIDEO DISPLAY
1112
ALPHA-NUMERIC INPUT DEVICE
1114
CURSOR CONTROL DEVICE
1116
DRIVE UNIT
MACHINE-READABLE MEDIUM
1124
INSTRUCTIONS
1122
1118
SIGNAL GENERATION DEVICE

FIG. 11

APPLICATION DATA SHEET

Application Information

Application Type::	Regular
Subject Matter::	Utility
CD-ROM or CD-R?::	None
Title::	ACCESS TO VIDEO STREAMS ON MOBILE COMMUNICATION DEVICES
Attorney Docket Number::	1370.252US1
Request for Early Publication?::	No
Request for Non-Publication?::	No
Total Drawing Sheets::	12
Small Entity::	No
Petition included?::	No
Secrecy Order in Parent Appl.?::	No

Applicant Information

Applicant Authority Type::	Inventor
Primary Citizenship Country::	United States of America
Status::	Full Capacity
Given Name::	Shmuel
Middle Name::	
Family Name::	Shaffer
Name Suffix::	
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State or Province of Residence::	CA
Country of Residence::	United States of America
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City of mailing address::	Palo Alto
State or Province of mailing address::	CA
Country of mailing address::	United States of America
Postal or Zip Code of mailing address::	94301

Motorola Solutions, Inc., Ex1003, p. 369

Applicant Authority Type::	Inventor
Primary Citizenship Country::	United States of America
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Middle Name::	R.
Family Name::	Khan
Name Suffix::	
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State or Province of Residence::	CA
Country of Residence::	United States of America
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City of mailing address::	Fremont
State or Province of mailing address::	CA
Country of mailing address::	United States of America
Postal or Zip Code of mailing address::	94539

Correspondence Information

Correspondence Customer Number:: 21186

Representative Information

Representative Customer Number:: 21186

Respectfully submitted,

SCHWEGMAN, LUNDBERG & WOESSNER, P.A.
P.O. Box 2938
Minneapolis, MN 55402
(408) 278-4041

Date August 8, 2008 By _____
Garth Vivier
Reg. No. 57,313

Date of Deposit: August 8, 2008
This paper or fee is being filed on the date indicated above using the USPTO's electronic filing system EFS-Web, and is addressed to The Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Motorola Solutions, Inc., Ex1003, p. 370

Electronic Patent Application Fee Transmittal

Application Number:	
Filing Date:	
Title of Invention:	ACCESS TO VIDEO STREAMS ON MOBILE COMMUNICATION DEVICES
First Named Inventor/Applicant Name:	Shmuel Shaffer
Filer:	David Charles Peterson/Jonathan Ferguson
Attorney Docket Number:	1370.252US1
Filed as Large Entity	

Utility Filing Fees

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Basic Filing:				
Utility application filing	1011	1	310	310
Utility Search Fee	1111	1	510	510
Utility Examination Fee	1311	1	210	210
Pages:				
Claims:				
Claims in excess of 20	1202	4	50	200
Miscellaneous-Filing:				
Petition:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				
Miscellaneous:				
		Total in USD ($)		**1230**

Electronic Acknowledgement Receipt

EFS ID:	3755284
Application Number:	12188982
International Application Number:	
Confirmation Number:	6073
Title of Invention:	ACCESS TO VIDEO STREAMS ON MOBILE COMMUNICATION DEVICES
First Named Inventor/Applicant Name:	Shmuel Shaffer
Customer Number:	21186
Filer:	David Charles Peterson/Jonathan Ferguson
Filer Authorized By:	David Charles Peterson
Attorney Docket Number:	1370.252US1
Receipt Date:	08-AUG-2008
Filing Date:	
Time Stamp:	18:43:55
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	$1230
RAM confirmation Number	3200
Deposit Account	190743
Authorized User	

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

Charge any Additional Fees required under 37 C.F.R. Section 1.16 (National application filing, search, and examination fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.17 (Patent application and reexamination processing fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.19 (Document supply fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.20 (Post Issuance fees)

Charge any Additional Fees required under 37 C.F.R. Section 1.21 (Miscellaneous fees and charges)

File Listing:

Document Number	Document Description	File Name	File Size(Bytes) /Message Digest	Multi Part /.zip	Pages (if appl.)
1		1370-252US1_APPLICATION_FILED.pdf	711251 cbc293aad11e348538ff10853a09e535e2fc4dcd	yes	48

Multipart Description/PDF files in .zip description

Document Description	Start	End
Transmittal of New Application	1	1
Specification	2	23
Claims	24	29
Abstract	30	30
Drawings-only black and white line drawings	31	42
Oath or Declaration filed	43	46
Application Data Sheet	47	48

Warnings:

Information:

2	Fee Worksheet (PTO-06)	fee-info.pdf	8507 65b516489d3d1a5019b9beb90957e24efa02abd2	no	2

Warnings:

Information:

Total Files Size (in bytes):	719758

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

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.

SCHWEGMAN ■ LUNDBERG ■ WOESSNER

United States Patent Application

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; that

I verily believe I am the original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled: **ACCESS TO VIDEO STREAMS ON MOBILE COMMUNICATION DEVICES**,

the specification of which is attached hereto.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability of this application in accordance with 37 C.F.R. § 1.56 (attached hereto). I also acknowledge my duty to disclose all information known to be material to patentability which became available between a filing date of a prior application and the national or PCT international filing date in the event this is a Continuation-In-Part application in accordance with 37 C.F.R. § 1.63(e).

I hereby claim foreign priority benefits under 35 U.S.C. §119(a)-(d) or 365(b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on the basis of which priority is claimed:

No such claim for priority is being made at this time.

I hereby claim the benefit under 35 U.S.C. § 119(e) of any United States provisional application(s) listed below:

No such claim for priority is being made at this time.

I hereby claim the benefit under 35 U.S.C. § 120 or 365(c) of any United States and PCT international application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT international application in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose material information as defined in 37 C.F.R. § 1.56(a) which became available between the filing date of the prior application and the national or PCT international filing date of this application:

No such claim for priority is being made at this time.

I hereby appoint the attorneys associated with the customer number listed below to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith:

Customer Number: 21186

I hereby authorize them to act and rely on instructions from and communicate directly with the person/assignee/attorney/firm/organization/who/which first sends/sent this case to them and by whom/which I hereby declare that I have consented after full disclosure to be represented unless/until I instruct Schwegman, Lundberg & Woessner, P.A. to the contrary.

Please direct all correspondence in this case to **Schwegman, Lundberg & Woessner, P.A.** at the address indicated below:

Customer Number: 21186

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Full Name of joint inventor number 1: **Shmuel Shaffer**
Citizenship: **United States of America** Residence: **Palo Alto, CA**
Post Office Address: 1211 Cowper Street
Palo Alto, CA 94301

Signature: Shmuel Shaffer Date: 8/6/2008
Shmuel Shaffer

X Additional inventors are being named on separately numbered sheets, attached hereto.

Full Name of joint inventor number 2 : **Zeeshan Rahman Khan**
Citizenship: **United States of America** Residence: **Fremont, CA**
Post Office Address: 2382 Night Shade Lane
Fremont, CA 94539

Signature: _____ Date: 08/07/08
Zeeshan Rahman Khan

§ 1.56 Duty to disclose information material to patentability.

(a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is canceled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:

(1) prior art cited in search reports of a foreign patent office in a counterpart application, and

(2) the closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office.

(b) Under this section, information is material to patentability when it is not cumulative to information already of record or being made of record in the application, and

(1) It establishes, by itself or in combination with other information, a prima facie case of unpatentability of a claim; or

(2) It refutes, or is inconsistent with, a position the applicant takes in:

(i) Opposing an argument of unpatentability relied on by the Office, or

(ii) Asserting an argument of patentability.

A prima facie case of unpatentability is established when the information compels a conclusion that a claim is unpatentable under the preponderance of evidence, burden-of-proof standard, giving each term in the claim its broadest reasonable construction consistent with the specification, and before any consideration is given to evidence which may be submitted in an attempt to establish a contrary conclusion of patentability.

(c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:

(1) Each inventor named in the application:

(2) Each attorney or agent who prepares or prosecutes the application; and

(3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.

(d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.

PTO/SB/06 (12-04)

08/08/08

Approved for use through 7/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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

PATENT APPLICATION FEE DETERMINATION RECORD

Substitute for Form PTO-875

12/188,982

APPLICATION AS FILED – PART I

FOR	(Column 1) NUMBER FILED	(Column 2) NUMBER EXTRA	SMALL ENTITY RATE ($)	SMALL ENTITY FEE ($)	OR	OTHER THAN SMALL ENTITY RATE ($)	OTHER THAN SMALL ENTITY FEE ($)
BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A			N/A	310
SEARCH FEE (37 CFR 1.16(k), (i), or (m))	N/A	N/A	N/A			N/A	510
EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A			N/A	210
TOTAL CLAIMS (37 CFR 1.16(i))	24 minus 20 =	* 4	X 25=		OR	X 50=	200
INDEPENDENT CLAIMS (37 CFR 1.16(h))	3 minus 3 =	*	X 105=			X 210=	
APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is $250 ($125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR						
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))			N/A			N/A	
* If the difference in column 1 is less than zero, enter "0" in column 2.			TOTAL			TOTAL	1230

APPLICATION AS AMENDED – PART II

		(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	SMALL ENTITY RATE ($)	SMALL ENTITY ADDITIONAL FEE ($)	OR	OTHER THAN SMALL ENTITY RATE ($)	OTHER THAN SMALL ENTITY ADDITIONAL FEE ($)
AMENDMENT A	Total (37 CFR 1.16(i))	*	Minus	**	=	X =		OR	X =	
	Independent (37 CFR 1.16(h))	*	Minus	***	=	X =		OR	X =	
	Application Size Fee (37 CFR 1.16(s))									
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))					N/A		OR	N/A	
						TOTAL ADD'T FEE		OR	TOTAL ADD'T FEE	

		(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	RATE ($)	ADDITIONAL FEE ($)	OR	RATE ($)	ADDITIONAL FEE ($)
AMENDMENT B	Total (37 CFR 1.16(i))	*	Minus	**	=	X =		OR	X =	
	Independent (37 CFR 1.16(h))	*	Minus	***	=	X =		OR	X =	
	Application Size Fee (37 CFR 1.16(s))									
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))					N/A		OR	N/A	
						TOTAL ADD'T FEE		OR	TOTAL ADD'T FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.
** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".
*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".
The "Highest Number Previously Paid For" (Total or Independent) is the highest number found in the appropriate box in column 1.

This collection of information is required by 37 CFR 1.16. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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