UNITED STATES DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450

APPLICATION NO./ CONTROL NO.	FILING DATE	FIRST NAMED INVENTOR/ PATENT IN REEXAMINATION	ATTORNEY DOCKET NO.
18/202,206	05/25/2023	Shkedi et al.	14-TV12-CON9

		EXAMINER	
LOUIS J. HOFFMAN, P.C. 7689 East Paradise Lane Suite 2 Scottsdale, AZ 85260		--	
		ART UNIT	PAPER
		--	20240427-2rS8fR

DATE MAILED: 27 April 2024

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

Commissioner for Patents

PTO-90C (Rev.04-03)

Viant 1002

Notice of Potential Erroneous Release of Patent Application Titles

On February 5, 2024, the United States Patent and Trademark Office (USPTO), replaced the Electronic Patent Assignment System (EPAS) and Electronic Trademark Assignment System (ETAS) with Assignment Center.

Between February 5, 2024 and March 29, 2024, the USPTO, unintentionally, through a computer programming error, permitted bibliographic information to be viewed by unauthorized individuals with access to registered Assignment Center accounts. This bibliographic information was limited to the application number (the two-digit series code plus the six-digit serial number) and title of the invention.

You are receiving this notification because your application's patent title may have been viewed during that time frame by individual(s) who lacked permission to do so. The software error was first reproduced by USPTO on March 28, 2024, and was corrected on March 29, 2024. Only application numbers and titles were disclosed; it is important to note that your specification and claims were not part of the information made available and were not accessed.

Any improper access of the application information between the dates of February 5, 2024 and March 29, 2024, is not considered a publication of such applications under 35 U.S.C. 122(b). No rights in United States patents are threatened by the access to unpublished applications. It is extremely unlikely that the title could disclose the invention in a way that would constitute patent-defeating prior art in any jurisdiction. To the extent any issue is raised, the USPTO will assist applicants by confirming that the disclosure was erroneous and inadvertent.

We're committed to data security and are taking enhanced steps to prevent incidents such as this from happening in the future. The USPTO sincerely regrets this error and is instituting more testing controls, both manual and automated testing, to prevent similar processing errors in the future.

Inquiries regarding this matter may be directed to Mark Polutta, Senior Legal Advisor, at (571) 272-7709 or Andrew Stclair, Legal Advisor, at (571) 270-0238, both of the Office of Patent Legal Administration or via email addressed to Patent.Practice@uspto.gov.



Henry "Jamie" Holcombe
Chief Information Officer
US Patent and Trademark Office
Office +1 (571) 272-9400

Dated: April 27th, 2024

UNITED STATES PATENT AND TRADEMARK OFFICE

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

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
18/202,206	05/25/2023	Roy Shkedi	14-TV12-CON9	5269

26362 7590 04/02/2024

LOUIS J. HOFFMAN, P.C.
7689 East Paradise Lane
Suite 2
Scottsdale, AZ 85260

EXAMINER
ALCON, FERNANDO

ART UNIT	PAPER NUMBER
2425	

NOTIFICATION DATE	DELIVERY MODE
04/02/2024	ELECTRONIC

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

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

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

Louis@valuablepatents.com
donald@valuablepatents.com
dsalavi@northwestpatent.com

APPLICATION NO.	ISSUE DATE	PATENT NO.
18/202,206	02-Apr-2024	11949962

LOUIS J. HOFFMAN, P.C.
7689 East Paradise Lane
Scottsdale, AZ 85260

EGRANT NOTIFICATION

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

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

UNITED STATES PATENT AND TRADEMARK OFFICE

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

APPLICATION NO.	ISSUE DATE	PATENT NO.	ATTORNEY DOCKET NO.	CONFIRMATION NO.
18/202,206	04/02/2024	11949962	14-TV12-CON9	5269

26362 7590 03/13/2024

LOUIS J. HOFFMAN, P.C.
7689 East Paradise Lane
Suite 2
Scottsdale, AZ 85260

ISSUE NOTIFICATION

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

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

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

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

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

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

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

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

Mr.Roy Shkedi, Forest Hills, NY;
Mr.Dror Ben-Yishai, Tel Mond, ISRAEL;

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

INTENT IQ, LLC, Long Island City, NY;

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

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
18/202,206	05/25/2023	Roy Shkedi	14-TV12-CON9

CONFIRMATION NO. 5269

26362
LOUIS J. HOFFMAN, P.C.
7689 East Paradise Lane
Suite 2
Scottsdale, AZ 85260

PUBLICATION NOTICE

OC000000069020357

Date Mailed: 03/01/2024

Title:METHOD AND COMPUTER SYSTEM USING PROXY IP ADDRESSES AND PII IN MEASURING AD EFFECTIVENESS ACROSS DEVICES

Publication No.US-2024-0073487-A1
Publication Date:02/29/2024

NOTICE OF PUBLICATION OF APPLICATION

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

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

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

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

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

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

UNITED STATES PATENT AND TRADEMARK OFFICE

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

APPLICATION NUMBER	FILING or 371(c) DATE	GRP ART UNIT	FIL FEE REC'D	ATTY.DOCKET.NO	TOT CLAIMS	IND CLAIMS
18/202,206	05/25/2023	2425	3380	14-TV12-CON9	34	2

CONFIRMATION NO. 5269

REPLACEMENT FILING RECEIPT

26362
LOUIS J. HOFFMAN, P.C.
7689 East Paradise Lane
Suite 2
Scottsdale, AZ 85260

OC000000068792717

Date Mailed: 02/26/2024

Receipt is acknowledged of this non-provisional utility patent application. The application will be taken up for examination in due course. Applicant will be notified as to the results of the examination. Any correspondence concerning the application must include the following identification information: the U.S. APPLICATION NUMBER, FILING DATE, NAME OF FIRST INVENTOR, and TITLE OF INVENTION. Fees transmitted by check or draft are subject to collection.

Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please submit a written request for a corrected Filing Receipt, including a properly marked-up ADS showing the changes with strike-through for deletions and underlining for additions. If you received a "Notice to File Missing Parts" or other Notice requiring a response for this application, please submit any request for correction to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections provided that the request is grantable.

Inventor(s)

Roy Shkedi, Forest Hills, NY;
Dror Ben-Yishai, Tel Mond, ISRAEL;

Applicant(s)

INTENT IQ, LLC, Long Island City, NY;

Power of Attorney: The patent practitioners associated with Customer Number 26362

Domestic Priority data as claimed by applicant

This application is a CON of 17/843,311 06/17/2022 PAT 11,689,780
which is a CON of 17/390,211 07/30/2021 PAT 11,368,763
which is a CON of 17/013,368 09/04/2020 PAT 11,082,753
which is a CON of 16/556,782 08/30/2019 PAT 10,771,860
which is a CON of 16/117,611 08/30/2018 PAT 10,405,058
which is a CON of 15/450,361 03/06/2017 PAT 10,070,200
which is a CON of 15/047,386 02/18/2016 PAT 9,591,380
which is a CON of 14/790,370 07/02/2015 PAT 9,271,024
which is a CON of 14/196,844 03/04/2014 PAT 9,078,035
which is a DIV of 13/566,881 08/03/2012 PAT 8,683,502
which claims benefit of 61/514,840 08/03/2011

Foreign Applications for which priority is claimed (You may be eligible to benefit from the Patent Prosecution Highway program at the USPTO. Please see http://www.uspto.gov for more information.) - None.

Foreign application information must be provided in an Application Data Sheet in order to constitute a claim to foreign priority. See 37 CFR 1.55 and 1.76.

Permission to Access Application via Priority Document Exchange: Yes

Permission to Access Search Results: Yes

Applicant may provide or rescind an authorization for access using Form PTO/SB/39 or Form PTO/SB/69 as appropriate.

If Required, Foreign Filing License Granted: 06/13/2023
The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 18/202,206**
Projected Publication Date: 02/29/2024
Non-Publication Request: No
Early Publication Request: No
Title

METHOD AND COMPUTER SYSTEM USING PROXY IP ADDRESSES AND PII IN MEASURING AD EFFECTIVENESS ACROSS DEVICES

Preliminary Class

725

Statement under 37 CFR 1.55 or 1.78 for AIA (First Inventor to File) Transition Applications: No

PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign

patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at http://www.uspto.gov/web/offices/pac/doc/general/index.html.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, http://www.stopfakes.gov. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4258).

LICENSE FOR FOREIGN FILING UNDER

Title 35, United States Code, Section 184

Title 37, Code of Federal Regulations, 5.11 & 5.15

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Bureau of Industry and Security, Department of Commerce (15 CFR parts 730-774); the Office of Foreign AssetsControl, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

SelectUSA

The United States represents the largest, most dynamic marketplace in the world and is an unparalleled location for business investment, innovation, and commercialization of new technologies. The U.S. offers tremendous resources and advantages for those who invest and manufacture goods here. Through SelectUSA, our nation works to promote and facilitate business investment. SelectUSA provides information assistance to the international investor community; serves as an ombudsman for existing and potential investors; advocates on behalf of U.S. cities, states, and regions competing for global investment; and counsels U.S. economic development organizations on investment attraction best practices. To learn more about why the United States is the best country in the world to develop technology, manufacture products, deliver services, and grow your business, visit http://www.SelectUSA.gov or call +1-202-482-6800.

UNITED STATES
PATENT AND TRADEMARK OFFICE

P.O. Box 1450
Alexandria, VA 22313 - 1450
www.uspto.gov

ISSUE FEE TRANSMITTAL FORM

APPLICATION #	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET #
18202206	**05/25/2023**	**Roy Shkedi**	**14-TV12-CON9**

Title of Invention

TARGETED TELEVISION ADVERTISING BASED ON PROFILES LINKED TO MULITPLE ONLINE DEVICES

Application Information

APPLICATION TYPE	Nonprovisional Application under 35 USC 111(a)	**DATE DUE**	05/22/2024
CONFIRMATION #	5269	**ISSUE FEE DUE**	$ 1200
EXAMINER	FERNANDO ALCON	**PUBLICATION DUE**	$ 0
GROUP ART UNIT	2425	**TOTAL FEES DUE**	$1200
CLASS - SUBCLASS	725/034000	**PREV. PAID FEE**	$ 0
ENTITY STATUS	Regular Undiscounted		

1. CHANGE OF CORRESPONDENCE ADDRESS AND/OR INDICATION OF FEE ADDRESS (37 CFR 1.33 & 1.363)

Correspondence Address

CURRENT ADDRESS

Maintenance Fee Address

CURRENT ADDRESS

☐ Change of correspondence address requested,system generated AIA/122-PC form attached

☐ Fee address indication requested, system generatedSB/47-PC form attached

2. ENTITY STATUS

Change in Entity Status

NEW STATUS

3. THE FOLLOWING FEES ARE SUBMITTED

☑ Issue Fee

☑ Publication Fee

4. FEE AUTHORIZATION

☐ I authorize USPTO to apply my previously paid issue fee to the current fees due

☐ The Director is herby authorized to apply my previously paid issue fee to the current fee due and to charge deficient fees to Deposit Account Number:

☐ If in addition to the payment of the issue fee amount submitted with this form, there are any discrepencies in any amount(s) due, the Director is authorized to charge any deficiency, or credit any overpayment, to Deposit Account Number:

5. FIRM AND/OR ATTORNEY NAMES TO BE PRINTED

NOTE: If no name is listed, no name will be printed
For printing on the patent front page, list to be displayed as entered

Louis J. Hoffman
David S. Alavi

6. ASSIGNEE NAME(S) AND RESIDENCE DATA TO BE PRINTED

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 susbstitute for filing an assignment.

Intent IQ, LLC	Long Island City, NY UNITED STATES	Other Entity

Signature

I certify, in accordance with 37 CFR 1.4(d)(4) that I am an attorney or agent registered to practice before the Patent and Trademark Office who has filed and has been granted power of attorney in this application. I also certify that this Fee(s) Transmittal form is being transmitted to the USPTO via Patent Center on the date indicated below.

Signature	Name	Registration #	Date
/Louis J. Hoffman/	Louis Hoffman	38918	02/23/2024

UNITED STATES
PATENT AND TRADEMARK OFFICE

P.O. Box 1450
Alexandria, VA 22313 - 1450
www.uspto.gov

ELECTRONIC ACKNOWLEDGEMENT RECEIPT

APPLICATION #	RECEIPT DATE / TIME	ATTORNEY DOCKET #
18/202,206	**02/23/2024 04:31:12 PM Z ET**	**14-TV12-CON9**

Title of Invention

TARGETED TELEVISION ADVERTISING BASED ON PROFILES LINKED TO MULITPLE ONLINE DEVICES

Application Information

APPLICATION TYPE	Utility - Nonprovisional Application under 35 USC 111(a)	PATENT #	-
CONFIRMATION #	5269	FILED BY	Louis Hoffman
PATENT CENTER #	64431913	FILING DATE	05/25/2023
CUSTOMER #	26362	FIRST NAMED INVENTOR	Mr. Roy Shkedi
CORRESPONDENCE ADDRESS	-	AUTHORIZED BY	-

Documents

TOTAL DOCUMENTS: 1

DOCUMENT	PAGES	DESCRIPTION	SIZE (KB)
web85b.pdf	3	Issue Fee Payment (PTO-85B)	58 KB

Digest

DOCUMENT	MESSAGE DIGEST(SHA-512)
web85b.pdf	60BF12DFB2179A08332222B40DA26728C60FE974C4ADF8C1D FC7C2B215BC4C627E683CD5E749A7F66422E3111E9B8C3F20 7B0D8923EEE5A9FF73D4CAC9B64A9F

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

New Applications Under 35 U.S.C. 111

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

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

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

New International Application Filed with the USPTO as a Receiving Office

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

UNITED STATES
PATENT AND TRADEMARK OFFICE

P.O. Box 1450
Alexandria, VA 22313 - 1450
www.uspto.gov

ELECTRONIC PAYMENT RECEIPT

APPLICATION #	RECEIPT DATE / TIME	ATTORNEY DOCKET #
18/202,206	**02/23/2024 04:31:12 PM Z ET**	**14-TV12-CON9**

Title of Invention

TARGETED TELEVISION ADVERTISING BASED ON PROFILES LINKED TO MULITPLE ONLINE DEVICES

Application Information

APPLICATION TYPE	Utility - Nonprovisional Application under 35 USC 111(a)	PATENT #	-
CONFIRMATION #	5269	FILED BY	Louis Hoffman
PATENT CENTER #	64431913	AUTHORIZED BY	-
CUSTOMER #	26362	FILING DATE	05/25/2023
CORRESPONDENCE ADDRESS	-	FIRST NAMED INVENTOR	Mr. Roy Shkedi

Payment Information

PAYMENT METHOD	PAYMENT TRANSACTION ID	PAYMENT AUTHORIZED BY
CARD / 8494	**E20242MG33038133**	**Louis Hoffman**

FEE CODE	DESCRIPTION	ITEM PRICE($)	QUANTITY	ITEM TOTAL($)
1501	UTILITY ISSUE FEE	1200.00	1	1200.00
			TOTAL AMOUNT:	**$1,200.00**

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

New Applications Under 35 U.S.C. 111

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

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

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage

submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

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

UNITED STATES PATENT AND TRADEMARK OFFICE

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

NOTICE OF ALLOWANCE AND FEE(S) DUE

26362 7590 02/22/2024

LOUIS J. HOFFMAN, P.C.
7689 East Paradise Lane
Suite 2
Scottsdale, AZ 85260

EXAMINER	
ALCON, FERNANDO	
ART UNIT	PAPER NUMBER
2425	

DATE MAILED: 02/22/2024

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
18/202,206	05/25/2023	Roy Shkedi	14-TV12-CON9	5269

TITLE OF INVENTION: TARGETED TELEVISION ADVERTISING BASED ON PROFILES LINKED TO MULITPLE ONLINE DEVICES

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	UNDISCOUNTED	$1200	$0.00	$0.00	$1200	05/22/2024

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

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

HOW TO REPLY TO THIS NOTICE:

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

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

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

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

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

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

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

PART B - FEE(S) TRANSMITTAL

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

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

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

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

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

26362 7590 02/22/2024
LOUIS J. HOFFMAN, P.C.
7689 East Paradise Lane
Suite 2
Scottsdale, AZ 85260

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

Certificate of Mailing or Transmission

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

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

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
18/202,206	05/25/2023	Roy Shkedi	14-TV12-CON9	5269

TITLE OF INVENTION: TARGETED TELEVISION ADVERTISING BASED ON PROFILES LINKED TO MULITPLE ONLINE DEVICES

APPLN. TYPE	ENTITY STATUS	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	UNDISCOUNTED	$1200	$0.00	$0.00	$1200	05/22/2024

EXAMINER	ART UNIT	CLASS-SUBCLASS
ALCON, FERNANDO	2425	725-034000

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

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

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

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

1_____
2_____
3_____

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

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

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

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

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

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

❑ Electronic Payment via the USPTO patent electronic filing system ❑ Enclosed check ❑ Non-electronic payment by credit card (Attach form PTO-2038)

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

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. _____

UNITED STATES PATENT AND TRADEMARK OFFICE

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

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
18/202,206	05/25/2023	Roy Shkedi	14-TV12-CON9	5269

26362 7590 02/22/2024

LOUIS J. HOFFMAN, P.C.
7689 East Paradise Lane
Suite 2
Scottsdale, AZ 85260

EXAMINER	
ALCON, FERNANDO	
ART UNIT	**PAPER NUMBER**
2425	

DATE MAILED: 02/22/2024

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

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

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

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

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

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

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

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. The United States Patent and Trademark Office (USPTO) collects the information in this record under authority of 35 U.S.C. 2. The USPTO's system of records is used to manage all applicant and owner information including name, citizenship, residence, post office address, and other information with respect to inventors and their legal representatives pertaining to the applicant's/ owner's activities in connection with the invention for which a patent is sought or has been granted. The applicable Privacy Act System of Records Notice for the information collected in this form is COMMERCE/PAT-TM-7 Patent Application Files, available in the Federal Register at 78 FR 19243 (March 29, 2013).
https://www.govinfo.gov/content/pkg/FR-2013-03-29/pdf/2013-07341.pdf

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

1) law enforcement, in the event that the system of records indicates a violation or potential violation of law;
2) a federal, state, local, or international agency, in response to its request;
3) a contractor of the USPTO having need for the information in order to perform a contract;
4) the Department of Justice for determination of whether the Freedom of Information Act (FOIA) requires disclosure of the record;
5) a Member of Congress submitting a request involving an individual to whom the record pertains, when the individual has requested the Member's assistance with respect to the subject matter of the record;
6) a court, magistrate, or administrative tribunal, in the course of presenting evidence, including disclosures to opposing counsel in the course of settlement negotiations;
7) the Administrator, General Services Administration (GSA), or their designee, during an inspection of records conducted by GSA under authority of 44 U.S.C. 2904 and 2906, in accordance with the GSA regulations and any other relevant (i.e., GSA or Commerce) directive, where such disclosure shall not be used to make determinations about individuals;
8) another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c));
9) the Office of Personnel Management (OPM) for personnel research purposes; and
10) the Office of Management and Budget (OMB) for legislative coordination and clearance.

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

Notice of Allowability	Application No. 18/202,206	Applicant(s) Shkedi et al.	
	Examiner FERNANDO ALCON	Art Unit 2425	AIA (FITF) Status No

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

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

1. ☑ This communication is responsive to 2/5/2024.
   ☐ 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 115-148 . 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 _____.

/FERNANDO ALCON/
Primary Examiner, Art Unit 2425

Notice of Pre-AIA or AIA Status

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

Terminal Disclaimer

The terminal disclaimer filed on 02/05/2024 disclaiming the terminal portion of any patent granted on this application which would extend beyond the expiration date of U.S. Patent No. 11,368,763 has been reviewed and is accepted. The terminal disclaimer has been recorded.

Allowable Subject Matter

Claims 115-148 are allowed.

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

As set forth by the record the prior art fails to disclose or fairly suggest, alone or in combination, all of the features of independent claims 115 and 136.

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 FERNANDO ALCON whose telephone number is (571)270-5668. The examiner can normally be reached Monday-Friday, 9:00am-7:00pm.

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

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Brian Pendleton can be reached on (571)272-7527. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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

FERNANDO . ALCON
Examiner
Art Unit 2425

/FERNANDO ALCON/
Primary Examiner, Art Unit 2425

Issue Classification	Application/Control No.	Applicant(s)/Patent Under Reexamination
	18/202,206	Shkedi et al.
	Examiner	**Art Unit**
	FERNANDO ALCON	2425

CPC						
Symbol					**Type**	**Version**
H04N	/	21	/	812	F	2013-01-01
H04N	/	21	/	25891	I	2013-01-01
H04N	/	21	/	4108	I	2013-01-01
H04N	/	21	/	4126	I	2013-01-01
H04N	/	21	/	44222	I	2013-01-01
H04N	/	21	/	4524	I	2013-01-01
H04N	/	21	/	4532	I	2013-01-01
H04N	/	21	/	43615	I	2013-01-01
H04N	/	21	/	6402	I	2013-01-01
H04N	/	21	/	44224	I	2020-08-01
H04N	/	21	/	4112	I	2020-08-01
H04N	/	21	/	4104	I	2013-01-01
H04N	/	21	/	435	I	2013-01-01
H04N	/	21	/	2668	I	2013-01-01
H04N	/	21	/	25841	I	2013-01-01
H04N	/	21	/	42684	I	2013-01-01
H04N	/	21	/	6125	I	2013-01-01
H04N	/	21	/	64322	I	2013-01-01
H04N	/	21	/	84	I	2013-01-01
H04N	/	21	/	4882	A	2013-01-01

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

NONE (Assistant Examiner)	(Date)	**Total Claims Allowed:** 34	
/FERNANDO ALCON/ Primary Examiner, Art Unit 2425 (Primary Examiner)	13 February 2024 (Date)	O.G. Print Claim(s) 115	O.G. Print Figure N/A

U.S. Patent and Trademark Office — Part of Paper No.: 20240213

Issue Classification	Application/Control No.	Applicant(s)/Patent Under Reexamination
	18/202,206	Shkedi et al.
	Examiner	**Art Unit**
	FERNANDO ALCON	2425

INTERNATIONAL CLASSIFICATION				
CLAIMED				
H04N21/81	/	21	/	81
H04N21/258	/	21	/	258
H04N21/41	/	21	/	41
H04N21/442	/	21	/	442
H04N21/45	/	21	/	45
H04N21/436	/	21	/	436
H04N21/6402	/	21	/	6402
H04N21/435	/	21	/	435
H04N21/2668	/	21	/	2668
H04N21/426	/	21	/	426
H04N21/61	/	21	/	61
H04N21/643	/	21	/	643
H04N21/84	/	21	/	84
H04N21/488	/	21	/	488

NON-CLAIMED				
	/		/	

US ORIGINAL CLASSIFICATION	
CLASS	**SUBCLASS**

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

NONE (Assistant Examiner)	(Date)	**Total Claims Allowed:** 34	
/FERNANDO ALCON/ Primary Examiner, Art Unit 2425 (Primary Examiner)	13 February 2024 (Date)	O.G. Print Claim(s) 115	O.G. Print Figure N/A

U.S. Patent and Trademark Office — Part of Paper No.: 20240213

Issue Classification	Application/Control No.	Applicant(s)/Patent Under Reexamination
	18/202,206	Shkedi et al.
	Examiner	Art Unit
	FERNANDO ALCON	2425

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

CLAIMS

Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original	Final	Original
-	1	-	20	-	39	-	58	-	77	-	96	1	115	20	134
-	2	-	21	-	40	-	59	-	78	-	97	2	116	21	135
-	3	-	22	-	41	-	60	-	79	-	98	3	117	22	136
-	4	-	23	-	42	-	61	-	80	-	99	4	118	23	137
-	5	-	24	-	43	-	62	-	81	-	100	5	119	24	138
-	6	-	25	-	44	-	63	-	82	-	101	6	120	25	139
-	7	-	26	-	45	-	64	-	83	-	102	7	121	26	140
-	8	-	27	-	46	-	65	-	84	-	103	8	122	27	141
-	9	-	28	-	47	-	66	-	85	-	104	9	123	28	142
-	10	-	29	-	48	-	67	-	86	-	105	10	124	29	143
-	11	-	30	-	49	-	68	-	87	-	106	11	125	30	144
-	12	-	31	-	50	-	69	-	88	-	107	12	126	31	145
-	13	-	32	-	51	-	70	-	89	-	108	13	127	32	146
-	14	-	33	-	52	-	71	-	90	-	109	14	128	33	147
-	15	-	34	-	53	-	72	-	91	-	110	15	129	34	148
-	16	-	35	-	54	-	73	-	92	-	111	16	130		
-	17	-	36	-	55	-	74	-	93	-	112	17	131		
-	18	-	37	-	56	-	75	-	94	-	113	18	132		
-	19	-	38	-	57	-	76	-	95	-	114	19	133		

NONE (Assistant Examiner) (Date)	Total Claims Allowed: 34	
/FERNANDO ALCON/ Primary Examiner, Art Unit 2425 (Primary Examiner) 13 February 2024 (Date)	O.G. Print Claim(s) 115	O.G. Print Figure N/A

U.S. Patent and Trademark Office Part of Paper No.: 20240213

Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
	18/202,206	Shkedi et al.
	Examiner	Art Unit
	FERNANDO ALCON	2425

CPC - Searched*		
Symbol	Date	Examiner
H04N21/812 H04N21/25841 H04N21/25891 H04N21/2668 H04N21/4104 H04N21/4108 H04N21/4126 H04N21/42684 H04N21/435 H04N21/44222 H04N21/4524 H04N21/4532 H04N21/4882 H04N21/6125 H04N21/64322 H04N21/84	01/26/2024	FA

CPC Combination Sets - Searched*		
Symbol	Date	Examiner

US Classification - Searched*			
Class	Subclass	Date	Examiner

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

Search Notes		
Search Notes	Date	Examiner
Inventor search	01/27/2024	FA
IP.com NPL & patent search	01/27/2024	FA
PE2E SEARCH see text limited search history	01/27/2024	FA
updated search	02/13/2024	FA

Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
	18/202,206	Shkedi et al.
	Examiner	Art Unit
	FERNANDO ALCON	2425

Interference Search			
US Class/CPC Symbol	**US Subclass/CPC Group**	**Date**	**Examiner**
H04N21/812 H04N21/25841 H04N21/25891 H04N21/2668 H04N21/4104 H04N21/4108 H04N21/4126 H04N21/42684 H04N21/435 H04N21/44222 H04N21/4524 H04N21/4532 H04N21/4882 H04N21/6125 H04N21/64322 H04N21/84	text limited	01/26/2024	FA

Index of Claims	Application/Control No.	Applicant(s)/Patent Under Reexamination
	18/202,206	Shkedi et al.
	Examiner	Art Unit
	FERNANDO ALCON	2425

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

CLAIMS

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

CLAIM		DATE								
Final	Original	01/26/2024	02/13/2024							
-	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	-	-							
-	28	-	-							
-	29	-	-							
-	30	-	-							
-	31	-	-							
-	32	-	-							
-	33	-	-							
-	34	-	-							
-	35	-	-							
-	36	-	-							
-	37	-	-							
-	38	-	-							
-	39	-	-							
-	40	-	-							
-	41	-	-							
-	42	-	-							

Index of Claims	Application/Control No.	Applicant(s)/Patent Under Reexamination
	18/202,206	Shkedi et al.
	Examiner	**Art Unit**
	FERNANDO ALCON	2425

CLAIM		DATE								
Final	Original	01/26/2024	02/13/2024							
-	43	-	-							
-	44	-	-							
-	45	-	-							
-	46	-	-							
-	47	-	-							
-	48	-	-							
-	49	-	-							
-	50	-	-							
-	51	-	-							
-	52	-	-							
-	53	-	-							
-	54	-	-							
-	55	-	-							
-	56	-	-							
-	57	-	-							
-	58	-	-							
-	59	-	-							
-	60	-	-							
-	61	-	-							
-	62	-	-							
-	63	-	-							
-	64	-	-							
-	65	-	-							
-	66	-	-							
-	67	-	-							
-	68	-	-							
-	69	-	-							
-	70	-	-							
-	71	-	-							
-	72	-	-							
-	73	-	-							
-	74	-	-							
-	75	-	-							
-	76	-	-							
-	77	-	-							
-	78	-	-							
-	79	-	-							
-	80	-	-							
-	81	-	-							
-	82	-	-							
-	83	-	-							
-	84	-	-							
-	85	-	-							
-	86	-	-							
-	87	-	-							
-	88	-	-							
-	89	-	-							
-	90	-	-							
-	91	-	-							
-	92	-	-							
-	93	-	-							
-	94	-	-							

Index of Claims	Application/Control No.	Applicant(s)/Patent Under Reexamination
	18/202,206	Shkedi et al.
	Examiner	**Art Unit**
	FERNANDO ALCON	2425

CLAIM		DATE								
Final	Original	01/26/2024	02/13/2024							
-	95	-	-							
-	96	-	-							
-	97	-	-							
-	98	-	-							
-	99	-	-							
-	100	-	-							
-	101	-	-							
-	102	-	-							
-	103	-	-							
-	104	-	-							
-	105	-	-							
-	106	-	-							
-	107	-	-							
-	108	-	-							
-	109	-	-							
-	110	-	-							
-	111	-	-							
-	112	-	-							
-	113	-	-							
-	114	-	-							
1	115	✓	=							
2	116	✓	=							
3	117	✓	=							
4	118	✓	=							
5	119	✓	=							
6	120	✓	=							
7	121	✓	=							
8	122	✓	=							
9	123	✓	=							
10	124	✓	=							
11	125	✓	=							
12	126	✓	=							
13	127	✓	=							
14	128	✓	=							
15	129	✓	=							
16	130	✓	=							
17	131	✓	=							
18	132	✓	=							
19	133	✓	=							
20	134	✓	=							
21	135	✓	=							
22	136	✓	=							
23	137	✓	=							
24	138	✓	=							
25	139	✓	=							
26	140	✓	=							
27	141	✓	=							
28	142	✓	=							
29	143	✓	=							
30	144	✓	=							
31	145	✓	=							
32	146	✓	=							

Index of Claims	Application/Control No.	Applicant(s)/Patent Under Reexamination
	18/202,206	Shkedi et al.
	Examiner	**Art Unit**
	FERNANDO ALCON	2425

CLAIM		DATE								
Final	Original	01/26/2024	02/13/2024							
33	147	✓	=							
34	148	✓	=							

Bibliographic Data

Application No: 18/202,206

Foreign Priority claimed: ○ Yes ◉ No

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

Verified and Acknowledged: /FERNANDO ALCON/ Examiner's Signature | Initials

Title: TARGETED TELEVISION ADVERTISING BASED ON PROFILES LINKED TO MULITPLE ONLINE DEVICES

FILING or 371(c) DATE	CLASS	GROUP ART UNIT	ATTORNEY DOCKET NO.
05/25/2023	725	2425	14-TV12-CON9
RULE			

APPLICANTS

INTENT IQ, LLC,

INVENTORS

Mr. Roy Shkedi, Forest Hills, NY, UNITED STATES

Mr. Dror Ben-Yishai, Tel Mond, ISRAEL

CONTINUING DATA

This application is a CON of 17843311 06/17/2022 PAT 11689780

17843311 is a CON of 17390211 07/30/2021 PAT 11368763

17390211 is a CON of 17013368 09/04/2020 PAT 11082753

17013368 is a CON of 16556782 08/30/2019 PAT 10771860

16556782 is a CON of 16117611 08/30/2018 PAT 10405058

16117611 is a CON of 15450361 03/06/2017 PAT 10070200

15450361 is a CON of 15047386 02/18/2016 PAT 9591380

15047386 is a CON of 14790370 07/02/2015 PAT 9271024

14790370 is a CON of 14196844 03/04/2014 PAT 9078035

14196844 is a DIV of 13566881 08/03/2012 PAT 8683502

13566881 has PRO of 61514840 08/03/2011

FOREIGN APPLICATIONS

IF REQUIRED, FOREIGN LICENSE GRANTED**

06/13/2023

STATE OR COUNTRY

UNITED STATES

ADDRESS

LOUIS J. HOFFMAN, P.C.
7689 East Paradise Lane
Suite 2
Scottsdale, AZ 85260
UNITED STATES

FILING FEE RECEIVED

$4,860

PE2E SEARCH - Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	British Equivalents	Time Stamp
L1	74	((ROY) near2 (SHKEDI)).INV.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2013/10/10 05:51 PM
L2	0	("20100325659.pn.").PN.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2013/10/10 05:53 PM
L3	0	("20100325659.pn.").PN.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2013/10/10 05:53 PM
L4	0	("7861260.pn.").PN.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2013/10/10 05:54 PM
L5	2	("20100325659").PN.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2013/10/10 05:56 PM
L6	2	("7861260").PN.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2013/10/10 06:01 PM
L7	108	("20020013943" | "20020032603" | "20020059602" | "20020078444" | "20020082910" | "20020104086" | "20020120933" | "20020120935" | "20020123928" | "20020124249" | "20020124253" | "20020129368" | "20020194058" | "20020194604" | "20030051242" | "20030066078" | "20030126597" | "20030135853" | "20030145323" | "20030149975" | "20030187949" | "20030208756" | "20030208758" | "20030226141" | "20040003406" | "20040010546" | "20040073915" | "20040078809" |	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2013/10/10 06:10 PM

		"20040107437" | "20040117827" | "20040123314" | "20040163101" | "20040172650" | "20050076393" | "20050086112" | "20050165638" | "20050165644" | "20050177420" | "20060116924" | "20060253323" | "20060271953" | "20070100690" | "20070233571" | "20070244750" | "20070266403" | "20070294721" | "20080016540" | "20080040742" | "20080243822" | "20080313194" | "20090049468" | "20090094119" | "20090172723" | "20090300675" | "5105184" | "5809242" | "5848396" | "5855008" | "5933811" | "5948061" | "5978013" | "6026368" | "6055573" | "6073241" | "6157946" | "6160989" | "6189008" | "6216129" | "6366298" | "6385592" | "6446261" | "6463533" | "6490587" | "6718551" | "6771290" | "6832207" | "6845396" | "6847992" | "6925440" | "6973436" | "7013290" | "7051351" | "7072853" | "7092926" | "7100183" | "7152237" | "7188085" | "7260823").PN. OR ("7861260").URPN.					
L8	2	725/14-21.ccls. and 725/32,34-36.ccls. and 725/62.ccls.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2013/10/10 06:38 PM
L9	17586	(stb stt receiver set$top) with (proximate proximity (shar$4 near locat$4))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2013/10/10 06:41 PM
L10	9831	(stb stt receiver set$top) near5 (proximate proximity (shar$4 near locat$4))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2013/10/10 06:41 PM

L11	280	L10 and "725".clas.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2013/10/10 06:41 PM
L12	466	(stb stt receiver set$top) with (offline)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2013/10/16 03:14 PM
L13	35	L12 and "725".clas.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2013/10/16 03:15 PM
L14	1	"20060123080".pn.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2013/10/16 03:49 PM
L15	1	"20060123081" .pn.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2013/10/16 03:50 PM
L16	1	"20060205354".pn.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2013/10/16 03:50 PM
L17	1	"20070118661".pn.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2013/10/16 03:50 PM
L18	1	"20120149309".pn.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2013/10/16 03:51 PM
L19	25	"725".clas. and (proxim$4).ti.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2013/10/16 03:53 PM
L20	0	"725".clas. and profile near5 devices near5 proximity	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2013/10/16 03:54 PM
L21	0	"725".clas. and (profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2013/10/16 03:54 PM
L22	0	"725".clas. and (profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2013/10/16 03:54 PM
L23	54	(profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2013/10/16 03:54 PM
L24	39	alcon.xa.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2013/10/16 05:04 PM
L25	215	"725".clas. and (proxim$4).ab.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2013/10/16 05:06 PM
L26	0	(L14 L15 L16 L17 L18) and (offline disconnet$4)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2013/10/16 05:09 PM
L27	5	(L14 L15 L16 L17 L18)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2013/10/16 05:10 PM
L28	151	("20020124249"|"20040078809"|"20050165638"|"20070266403"|"20090049468"|"20090300675"|"20100175078"|"6868392"|"7072853"|"7100183"|"7152237"|"7490135"|"7634785"|"7979307"|"20050187823"|"20080118063"|"20010003184"|"20020013943"|"20	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2013/10/16 06:20 PM

		020032603"|"20050246 736"|"20070198532"|"2 0090037949"|"5948061 "|"6366298"|"6771290"|" 8244574"|"8244582"|"2 0070038516"|"2009020 4706"|"20090217324"|" 20030149975"|"200401 07437"|"20050165643"| "20080281699"|"20100 076848"|"20110099576 "|"20120096489"|"5933 811"|"6385592"|"67185 51"|"6832207"|"709292 6"|"7818206"|"7987491" |"8132202"|"200200829 10"|"20020129362"|"20 020194058"|"20020194 604"|"20040172650"|"2 0050165644"|"2005028 3796"|"20070220553"|" 20080109843"|"200802 44076"|"20090007171"| "20090049469"|"20110 035256"|"20120096491 "|"5855008"|"6216129"|" 6377986"|"6536041"|"7 260823"|"7328450"|"77 47745"|"7856372"|"792 5549"|"8015286"|"8086 491"|"8108895"|"82049 65"|"8244583"|"200801 09376"|"20020078444"| "20030051242"|"20030 208758"|"20040117827 "|"20050125290"|"2006 0248570"|"2007010069 0"|"20070180469"|"200 90172728"|"201003256 59"|"20110167043"|"64 46261"|"7428493"|"781 8763"|"7890609"|"7899 915"|"8024454"|"82392 64"|"20080189360"|"20 080222283"|"20090171 780"|"20020123928"|"2 0030066078"|"2003009 3792"|"20050086112"|" 20050108776"|"201000 58383"|"5848396"|"616 0989"|"6973436"|"7822 639"|"7840689"|"82008 22"|"8204783"|"824458 6"|"20070073585"|"200 80255944"|"200901061 00"|"20110258049"|"20 060271953"|"20070089 127"|"20070208619"|"2					

		0070266400"|"2007028 3384"|"20070294721"|" 20080040742"|"200901 72723"|"20090199230"| "6684194"|"6925440"|"7 370342"|"7822637"|"78 56373"|"7861260"|"793 7383"|"20020124253"|" 20060253323"|"200802 75785"|"20120023522"| "6845396"|"7039935"|"7 051351"|"7328448"|"73 70073"|"7454364"|"763 6672"|"7739140"|"7844 985"|"7900229"|"79418 17"|"8024765"|"805144 4"|"8132208"|"8150732" |"8166501"|"8213426"|" 8239886").PN.					
L29	20	725/14.ccls. and 725/74,78-85.ccls.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2013/10/16 06:23 PM
L30	229	(location adj (ID identifier)) and "725".clas.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2013/10/16 06:27 PM
L31	6	(proxy adj location) and "725".clas.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2013/10/16 06:30 PM
L32	107	(shar$4 near2 location) and "725".clas.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2013/10/16 06:47 PM
L37	6	(proxy NEAR2 location).CLM. and "725".clas.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2013/10/22 08:36 PM
L38	1	725/14-21.ccls.and (profile WITH proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2013/10/22 09:16 PM
L39	14	725/32,34-36.ccls. and (profile WITH proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2013/10/22 09:16 PM
L40	29	725/32,34-36.ccls. and (profile WITH proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2015/09/17 03:19 PM
L41	104	((ROY) near2 (SHKEDI)).INV.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2015/09/17 03:20 PM
L42	29	725/32,34-36.ccls. and (profile WITH proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2015/09/17 04:23 PM
L43	29	725/32,34-36.ccls. and (profile WITH proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2015/09/17 04:23 PM
L44	11	(proxy NEAR2 location).CLM. and "725".clas.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2015/09/17 04:23 PM

L45	96	(profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2015/09/17 04:24 PM
L46	102	(profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2015/11/24 06:58 PM
L47	31	725/32,34-36.ccls. and (profile WITH proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2015/11/24 06:58 PM
L48	223	H04N21/$.cpc. and (profile WITH proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2015/11/24 06:58 PM
L49	245	H04N21/$.cpc. and (profile WITH proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2016/05/24 03:56 PM
L50	32	725/32,34-36.ccls. and (profile WITH proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2016/05/24 03:56 PM
L51	120	(profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2016/05/24 03:56 PM
L52	120	(profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2016/05/24 03:56 PM
L53	32	725/32,34-36.ccls. and (profile WITH proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2016/05/24 03:56 PM
L54	1	"8683502".pn.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2016/05/24 04:04 PM
L55	1	"9078035".pn.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2016/05/24 04:05 PM
L56	35	H04N21/4108$.cpc. and ((common shar$4) with (ip address))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2016/10/15 10:09 AM
L58	971	H04N21/41$.cpc. and ((common shar$4) near10 (ip address))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2016/10/15 10:54 AM
L59	93	H04N21/4524$.cpc. and ((common shar$4) near10 (ip address))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2016/10/15 10:58 AM
L61	129	((ROY) near2 (SHKEDI)).INV.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2018/04/12 06:02 PM
L62	48799	H04N21/812.cpc. H04N21/25841.cpc. H04N21/25891.cpc. H04N21/2668.cpc. H04N21/4104.cpc. H04N21/4108.cpc. H04N21/4126.cpc. H04N21/42684.cpc. H04N21/435.cpc. H04N21/44222.cpc. H04N21/4524.cpc. H04N21/4532.cpc.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2018/04/12 06:09 PM

		H04N21/4882.cpc. H04N21/6125.cpc. H04N21/64322.cpc. H04N21/84.cpc.					
L63	3006	(L62) and ((common shar$4) with (ip address))	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2018/04/12 06:27 PM
L64	2205	(L62) and ((common shar$4) near10 (ip address))	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2018/04/12 06:40 PM
L67	11	"20130094830".pn. "20130219417".pn. "20120163770".pn. "20110246908".pn. "20090271821".pn.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2018/12/28 12:42 PM
L68	137	((ROY) near2 (SHKEDI)).INV.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2018/12/28 04:51 PM
L69	124	H04N21/4524$.cpc. and ((common shar$4) near10 (ip address))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2018/12/28 04:51 PM
L70	11	"20130094830".pn. "20130219417".pn. "20120163770".pn. "20110246908".pn. "20090271821".pn.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2018/12/28 04:51 PM
L71	46	H04N21/4108$.cpc. and ((common shar$4) with (ip address))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2018/12/28 04:51 PM
L72	187	(profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2018/12/28 04:52 PM
L73	187	(profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2018/12/28 04:52 PM
L74	5059	H04N21/$.cpc. and (((common shar$4) near10 (ip address)))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2018/12/28 04:52 PM
L77	515	H04N21/$.cpc. and ((profil$4 preferenc$$) with (proxim$4 nearby adjacen$4 vicinity)) with (associat$4 correlat$4 link$4)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/04/22 11:14 AM
L78	396	H04N21/$.cpc. and ((profil$4) with (proxim$4 nearby adjacen$4 vicinity)) with (associat$4 correlat$4 link$4)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/04/22 11:17 AM
L79	189	H04N21/$.cpc. and	(US-PGPUB; USPAT;	OR	ON	ON	2020/04/22

		((preferenc$$) with (proxim$4 nearby adjacen$4 vicinity)) with (associat$4 correlat$4 link$4)	USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)				11:18 AM
L80	211	(profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2020/04/22 01:49 PM
L88	206	H04N21/$.cpc. and ((preferenc$$) with (proxim$4 nearby adjacen$4 vicinity)) with (associat$4 correlat$4 link$4)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/03/11 08:34 AM
L89	230	(profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2021/03/11 08:34 AM
L90	444	H04N21/$.cpc. and ((profil$4) with (proxim$4 nearby adjacen$4 vicinity)) with (associat$4 correlat$4 link$4)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/03/11 08:34 AM
L91	444	H04N21/$.cpc. and ((profil$4) with (proxim$4 nearby adjacen$4 vicinity)) with (associat$4 correlat$4 link$4)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/03/11 08:34 AM
L92	54	H04N21/4108$.cpc. and ((common shar$4) with (ip address))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2021/03/11 08:34 AM
L93	5731	H04N21/$.cpc. and ((common shar$4) near10 (ip address))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2021/03/11 12:54 PM
L94	5731	H04N21/$.cpc. and ((common shar$4) near10 (ip address))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2021/03/11 01:01 PM
L95	22312	(stb stt receiver set$top) near5 (proximate proximity (shar$4 near locat$4))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2021/03/11 01:48 PM
L96	961	L95 and H04N21/$.cpc.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2021/03/11 01:48 PM
L97	1303	H04N21/$.cpc. and (proxim$4).ab.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2021/03/11 01:48 PM
L98	54	H04N21/4108$.cpc. and ((common shar$4) with (ip address))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2021/03/11 01:50 PM
L99	1390	H04N21/41$.cpc. and ((common shar$4)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2021/03/11 01:50 PM

		near10 (ip address))					
L100	161	((("SHKEDI") near3 ("Roy")) OR (("BEN-YISHAI") near3 ("Dror"))).INV.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	OFF	OFF	2021/03/11 02:29 PM
L101	74	((ROY) near2 (SHKEDI)).INV.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2013/10/10 05:51 PM
L102	0	("20100325659.pn.").PN.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2013/10/10 05:53 PM
L103	0	("20100325659.pn.").PN.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2013/10/10 05:53 PM
L104	0	("7861260.pn.").PN.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2013/10/10 05:54 PM
L105	2	("20100325659").PN.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2013/10/10 05:56 PM
L106	2	("7861260").PN.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2013/10/10 06:01 PM
L107	108	("20020013943" | "20020032603" | "20020059602" | "20020078444" | "20020082910" | "20020104086" | "20020120933" | "20020120935" | "20020123928" | "20020124249" | "20020124253" | "20020129368" | "20020194058" | "20020194604" | "20030051242" | "20030066078" | "20030126597" | "20030135853" | "20030145323" | "20030149975" | "20030187949" | "20030208756" | "20030208758" | "20030226141" | "20040003406" | "20040010546" | "20040073915" | "20040078809" |	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2013/10/10 06:10 PM

		"20040107437" | "20040117827" | "20040123314" | "20040163101" | "20040172650" | "20050076393" | "20050086112" | "20050165638" | "20050165644" | "20050177420" | "20060116924" | "20060253323" | "20060271953" | "20070100690" | "20070233571" | "20070244750" | "20070266403" | "20070294721" | "20080016540" | "20080040742" | "20080243822" | "20080313194" | "20090049468" | "20090094119" | "20090172723" | "20090300675" | "5105184" | "5809242" | "5848396" | "5855008" | "5933811" | "5948061" | "5978013" | "6026368" | "6055573" | "6073241" | "6157946" | "6160989" | "6189008" | "6216129" | "6366298" | "6385592" | "6446261" | "6463533" | "6490587" | "6718551" | "6771290" | "6832207" | "6845396" | "6847992" | "6925440" | "6973436" | "7013290" | "7051351" | "7072853" | "7092926" | "7100183" | "7152237" | "7188085" | "7260823").PN. OR ("7861260").URPN.					
L108	2	725/14-21.ccls. and 725/32,34-36.ccls. and 725/62.ccls.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2013/10/10 06:38 PM
L109	17586	(stb stt receiver set$top) with (proximate proximity (shar$4 near locat$4))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2013/10/10 06:41 PM
L110	9831	(stb stt receiver set$top) near5 (proximate proximity (shar$4 near locat$4))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2013/10/10 06:41 PM

L111	280	L110 and "725".clas.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2013/10/10 06:41 PM
L112	466	(stb stt receiver set$top) with (offline)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2013/10/16 03:14 PM
L113	35	L112 and "725".clas.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2013/10/16 03:15 PM
L114	1	"20060123080".pn.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2013/10/16 03:49 PM
L115	1	"20060123081" .pn.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2013/10/16 03:50 PM
L116	1	"20060205354".pn.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2013/10/16 03:50 PM
L117	1	"20070118661".pn.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2013/10/16 03:50 PM
L118	1	"20120149309".pn.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2013/10/16 03:51 PM
L119	25	"725".clas. and (proxim$4).ti.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2013/10/16 03:53 PM
L120	0	"725".clas. and profile near5 devices near5 proximity	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2013/10/16 03:54 PM
L121	0	"725".clas. and (profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2013/10/16 03:54 PM
L122	0	"725".clas. and (profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2013/10/16 03:54 PM
L123	54	(profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2013/10/16 03:54 PM
L124	39	alcon.xa.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2013/10/16 05:04 PM
L125	215	"725".clas. and (proxim$4).ab.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2013/10/16 05:06 PM
L126	0	(L114 L115 L116 L117 L118) and (offline disconnet$4)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2013/10/16 05:09 PM
L127	5	(L114 L115 L116 L117 L118)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2013/10/16 05:10 PM
L128	151	("20020124249"|"20040078809"|"20050165638"|"20070266403"|"20090049468"|"20090300675"|"20100175078"|"6868392"|"7072853"|"7100183"|"7152237"|"7490135"|"7634785"|"7979307"|"20050187823"|"20080118063"|"20010003184"|"20020013943"|"20	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2013/10/16 06:20 PM

		020032603"|"20050246 736"|"20070198532"|"2 0090037949"|"5948061 "|"6366298"|"6771290"|" 8244574"|"8244582"|"2 0070038516"|"2009020 4706"|"20090217324"|" 20030149975"|"200401 07437"|"20050165643"| "20080281699"|"20100 076848"|"20110099576 "|"20120096489"|"5933 811"|"6385592"|"67185 51"|"6832207"|"709292 6"|"7818206"|"7987491" |"8132202"|"200200829 10"|"20020129362"|"20 020194058"|"20020194 604"|"20040172650"|"2 0050165644"|"2005028 3796"|"20070220553"|" 20080109843"|"200802 44076"|"20090007171"| "20090049469"|"20110 035256"|"20120096491 "|"5855008"|"6216129"|" 6377986"|"6536041"|"7 260823"|"7328450"|"77 47745"|"7856372"|"792 5549"|"8015286"|"8086 491"|"8108895"|"82049 65"|"8244583"|"200801 09376"|"20020078444"| "20030051242"|"20030 208758"|"20040117827 "|"20050125290"|"2006 0248570"|"2007010069 0"|"20070180469"|"200 90172728"|"201003256 59"|"20110167043"|"64 46261"|"7428493"|"781 8763"|"7890609"|"7899 915"|"8024454"|"82392 64"|"20080189360"|"20 080222283"|"20090171 780"|"20020123928"|"2 0030066078"|"2003009 3792"|"20050086112"|" 20050108776"|"201000 58383"|"5848396"|"616 0989"|"6973436"|"7822 639"|"7840689"|"82008 22"|"8204783"|"824458 6"|"20070073585"|"200 80255944"|"200901061 00"|"20110258049"|"20 060271953"|"20070089 127"|"20070208619"|"2					

		0070266400"|"20070283384"|"20070294721"|"20080040742"|"20090172723"|"20090199230"|"6684194"|"6925440"|"7370342"|"7822637"|"7856373"|"7861260"|"7937383"|"20020124253"|"20060253323"|"20080275785"|"20120023522"|"6845396"|"7039935"|"7051351"|"7328448"|"7370073"|"7454364"|"7636672"|"7739140"|"7844985"|"7900229"|"7941817"|"8024765"|"8051444"|"8132208"|"8150732"|"8166501"|"8213426"|"8239886").PN.					
L129	20	725/14.ccls. and 725/74,78-85.ccls.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2013/10/16 06:23 PM
L130	229	(location adj (ID identifier)) and "725".clas.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2013/10/16 06:27 PM
L131	6	(proxy adj location) and "725".clas.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2013/10/16 06:30 PM
L132	107	(shar$4 near2 location) and "725".clas.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2013/10/16 06:47 PM
L133	6	(proxy NEAR2 location).CLM. and "725".clas.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2013/10/22 08:36 PM
L134	1	725/14-21.ccls.and (profile WITH proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2013/10/22 09:16 PM
L135	14	725/32,34-36.ccls. and (profile WITH proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2013/10/22 09:16 PM
L136	29	725/32,34-36.ccls. and (profile WITH proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2015/09/17 03:19 PM
L137	104	((ROY) near2 (SHKEDI)).INV.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2015/09/17 03:20 PM
L138	29	725/32,34-36.ccls. and (profile WITH proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2015/09/17 04:23 PM
L139	29	725/32,34-36.ccls. and (profile WITH proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2015/09/17 04:23 PM
L140	11	(proxy NEAR2 location).CLM. and "725".clas.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2015/09/17 04:23 PM

L141	96	(profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2015/09/17 04:24 PM
L142	102	(profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2015/11/24 06:58 PM
L143	31	725/32,34-36.ccls. and (profile WITH proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2015/11/24 06:58 PM
L144	223	H04N21/$.cpc. and (profile WITH proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2015/11/24 06:58 PM
L145	245	H04N21/$.cpc. and (profile WITH proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2016/05/24 03:56 PM
L146	32	725/32,34-36.ccls. and (profile WITH proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2016/05/24 03:56 PM
L147	120	(profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2016/05/24 03:56 PM
L148	120	(profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2016/05/24 03:56 PM
L149	32	725/32,34-36.ccls. and (profile WITH proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2016/05/24 03:56 PM
L150	1	"8683502".pn.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2016/05/24 04:04 PM
L151	1	"9078035".pn.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2016/05/24 04:05 PM
L152	35	H04N21/4108$.cpc. and ((common shar$4) with (ip address))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2016/10/15 10:09 AM
L153	971	H04N21/41$.cpc. and ((common shar$4) near10 (ip address))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2016/10/15 10:54 AM
L154	93	H04N21/4524$.cpc. and ((common shar$4) near10 (ip address))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2016/10/15 10:58 AM
L155	129	((ROY) near2 (SHKEDI)).INV.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2018/04/12 06:02 PM
L156	48799	H04N21/812.cpc. H04N21/25841.cpc. H04N21/25891.cpc. H04N21/2668.cpc. H04N21/4104.cpc. H04N21/4108.cpc. H04N21/4126.cpc. H04N21/42684.cpc. H04N21/435.cpc. H04N21/44222.cpc. H04N21/4524.cpc. H04N21/4532.cpc.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2018/04/12 06:09 PM

		H04N21/4882.cpc. H04N21/6125.cpc. H04N21/64322.cpc. H04N21/84.cpc.					
L157	3006	(L162) and ((common shar$4) with (ip address))	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2018/04/12 06:27 PM
L158	2205	(L162) and ((common shar$4) near10 (ip address))	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2018/04/12 06:40 PM
L159	11	"20130094830".pn. "20130219417".pn. "20120163770".pn. "20110246908".pn. "20090271821".pn.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2018/12/28 12:42 PM
L160	137	((ROY) near2 (SHKEDI)).INV.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2018/12/28 04:51 PM
L161	124	H04N21/4524$.cpc. and ((common shar$4) near10 (ip address))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2018/12/28 04:51 PM
L162	11	"20130094830".pn. "20130219417".pn. "20120163770".pn. "20110246908".pn. "20090271821".pn.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2018/12/28 04:51 PM
L163	46	H04N21/4108$.cpc. and ((common shar$4) with (ip address))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2018/12/28 04:51 PM
L164	187	(profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2018/12/28 04:52 PM
L165	187	(profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2018/12/28 04:52 PM
L166	5059	H04N21/$.cpc. and (((common shar$4) near10 (ip address)))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2018/12/28 04:52 PM
L167	515	H04N21/$.cpc. and ((profil$4 preferenc$$) with (proxim$4 nearby adjacen$4 vicinity)) with (associat$4 correlat$4 link$4)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/04/22 11:14 AM
L168	396	H04N21/$.cpc. and ((profil$4) with (proxim$4 nearby adjacen$4 vicinity)) with (associat$4 correlat$4 link$4)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/04/22 11:17 AM
L169	189	H04N21/$.cpc. and	(US-PGPUB; USPAT;	OR	ON	ON	2020/04/22

		((preferenc$$) with (proxim$4 nearby adjacen$4 vicinity)) with (associat$4 correlat$4 link$4)	USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)				11:18 AM
L170	211	(profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2020/04/22 01:49 PM
L171	206	H04N21/$.cpc. and ((preferenc$$) with (proxim$4 nearby adjacen$4 vicinity)) with (associat$4 correlat$4 link$4)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/03/11 08:34 AM
L172	230	(profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2021/03/11 08:34 AM
L173	444	H04N21/$.cpc. and ((profil$4) with (proxim$4 nearby adjacen$4 vicinity)) with (associat$4 correlat$4 link$4)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/03/11 08:34 AM
L174	444	H04N21/$.cpc. and ((profil$4) with (proxim$4 nearby adjacen$4 vicinity)) with (associat$4 correlat$4 link$4)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/03/11 08:34 AM
L175	54	H04N21/4108$.cpc. and ((common shar$4) with (ip address))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2021/03/11 08:34 AM
L176	5731	H04N21/$.cpc. and ((common shar$4) near10 (ip address))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2021/03/11 12:54 PM
L177	5731	H04N21/$.cpc. and ((common shar$4) near10 (ip address))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2021/03/11 01:01 PM
L178	22312	(stb stt receiver set$top) near5 (proximate proximity (shar$4 near locat$4))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2021/03/11 01:48 PM
L179	961	L195 and H04N21/$.cpc.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2021/03/11 01:48 PM
L180	1303	H04N21/$.cpc. and (proxim$4).ab.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2021/03/11 01:48 PM
L181	54	H04N21/4108$.cpc. and ((common shar$4) with (ip address))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2021/03/11 01:50 PM
L182	1390	H04N21/41$.cpc. and ((common shar$4)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2021/03/11 01:50 PM

		near10 (ip address))					
L183	161	((("SHKEDI") near3 ("Roy")) OR (("BEN-YISHAI") near3 ("Dror"))).INV.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	OFF	OFF	2021/03/11 02:29 PM
L184	45	("20020056088"|"20040068744"|"20050055713"|"20060123080"|"20060123081"|"20060205354"|"20070118661"|"20080195664"|"20080300985"|"20090044246"|"20100325659"|"20120149309"|"5809242"|"7486648").PN.	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/01/19 01:09 PM
L185	530	("20020124249"|"20030093792"|"20040117827"|"20050108776"|"20060248570"|"20070220553"|"20080109843"|"20080244076"|"20090199230"|"20100058383"|"20120096491"|"5855008"|"6216129"|"6366298"|"6684194"|"7260823"|"7328450"|"7490135"|"7890609"|"7925549"|"20040068744"|"20050055713"|"20100325659"|"20120149309"|"20020166119"|"20020013943"|"20020078444"|"20020123928"|"20040172650"|"20100076848"|"20120023522"|"5933811"|"7051351"|"7152237"|"7370073"|"7428493"|"7739140"|"7900229"|"7979307"|"8086491"|"8239886"|"20070073585"|"20090204706"|"20020082910"|"20030051242"|"20040107437"|"20050246736"|"20070100690"|"20070266403"|"20090049468"|"20090172728"|"20090300675"|"20110099576"|"20110167043"|"6377986"|"6832207"|"6868392"|"7092926"|"7328448"|"7634785"|"77477	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/01/19 01:15 PM

		45"|"7822639"|"784068 9"|"7899915"|"8015286" |"8024765"|"8132202"|" 8150732"|"8239264"|"2 0090217324"|"2008030 0985"|"20010003184"|" 20020194058"|"200201 94604"|"20030066078"| "20030208758"|"20070 198532"|"20070266400 "|"20070283384"|"2008 0281699"|"2009000717 1"|"20090049469"|"638 5592"|"6446261"|"7072 853"|"20080189360"|"2 0060123081"|"2006025 3323"|"20070089127"|" 20070180469"|"200901 72723"|"5948061"|"692 5440"|"6718551"|"7370 342"|"7822637"|"78449 85"|"7987491"|"813220 8"|"8200822"|"8204783" |"8204965"|"8213426"|" 8244586"|"2005018782 3"|"20110258049"|"200 70118661"|"8522271"|" 20020032603"|"200201 24253"|"20050086112"| "20050125290"|"20050 165638"|"20050165644 "|"20080040742"|"2010 0175078"|"2010032565 9"|"20110035256"|"616 0989"|"6536041"|"6973 436"|"6845396"|"78187 63"|"7941817"|"816650 1"|"8244574"|"8244582" |"20080255944"|"20080 118063"|"20020056088 "|"20020129362"|"2003 0149975"|"2005016564 3"|"20050283796"|"200 80275785"|"201200964 89"|"5848396"|"677129 0"|"7100183"|"7636672" |"7818206"|"8244583"|" 20070038516"|"200802 22283"|"20090106100"| "20060205354"|"20090 044246"|"7486648"|"20 040078809"|"20060271 953"|"20070208619"|"2 0070294721"|"2009003 7949"|"7039935"|"7454 364"|"7856372"|"78563 73"|"7861260"|"793738 3"|"8024454"|"8051444"					

		|"8108895"|"20090171780"|"20080109376"|"20060123080"|"5809242").PN.					
L186	166	((ROY) near2 (SHKEDI)).INV.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:40 PM
L187	0	("20100325659.pn.").PN.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/01/19 01:40 PM
L188	0	("20100325659.pn.").PN.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:40 PM
L189	0	("7861260.pn.").PN.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/01/19 01:40 PM
L190	2	("20100325659").PN.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/01/19 01:40 PM
L191	2	("7861260").PN.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/01/19 01:40 PM
L192	246	("20020013943" | "20020032603" | "20020059602" | "20020078444" | "20020082910" | "20020104086" | "20020120933" | "20020120935" | "20020123928" | "20020124249" | "20020124253" | "20020129368" | "20020194058" | "20020194604" | "20030051242" | "20030066078" | "20030126597" | "20030135853" | "20030145323" | "20030149975" | "20030187949" | "20030208756" | "20030208758" | "20030226141" | "20040003406" | "20040010546" | "20040073915" | "20040078809" | "20040107437" |	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:40 PM

		"20040117827" | "20040123314" | "20040163101" | "20040172650" | "20050076393" | "20050086112" | "20050165638" | "20050165644" | "20050177420" | "20060116924" | "20060253323" | "20060271953" | "20070100690" | "20070233571" | "20070244750" | "20070266403" | "20070294721" | "20080016540" | "20080040742" | "20080243822" | "20080313194" | "20090049468" | "20090094119" | "20090172723" | "20090300675" | "5105184" | "5809242" | "5848396" | "5855008" | "5933811" | "5948061" | "5978013" | "6026368" | "6055573" | "6073241" | "6157946" | "6160989" | "6189008" | "6216129" | "6366298" | "6385592" | "6446261" | "6463533" | "6490587" | "6718551" | "6771290" | "6832207" | "6845396" | "6847992" | "6925440" | "6973436" | "7013290" | "7051351" | "7072853" | "7092926" | "7100183" | "7152237" | "7188085" | "7260823").PN. OR ("7861260").URPN.					
L193	4	725/14-21.ccls. and 725/32,34-36.ccls. and 725/62.ccls.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:40 PM
L194	43347	(stb stt receiver set$top) with (proximate proximity (shar$4 near locat$4))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:40 PM
L195	22870	(stb stt receiver set$top) near5 (proximate proximity (shar$4 near locat$4))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:40 PM
L196	372	L110 and "725".clas.	(US-PGPUB; USPAT;	OR	OFF	OFF	2022/01/19

			USOCR)				01:40 PM
L197	1538	(stb stt receiver set$top) with (offline)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:40 PM
L198	65	L112 and "725".clas.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:40 PM
L199	1	"20060123080".pn.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:40 PM
L200	1	"20060123081" .pn.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:40 PM
L201	1	"20060205354".pn.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:40 PM
L202	1	"20070118661".pn.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:40 PM
L203	1	"20120149309".pn.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:40 PM
L204	35	"725".clas. and (proxim$4).ti.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:40 PM
L205	0	"725".clas. and profile near5 devices near5 proximity	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:40 PM
L206	0	"725".clas. and (profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:40 PM
L207	0	"725".clas. and (profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:40 PM
L208	222	(profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:40 PM
L209	51	alcon.xa.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:40 PM
L210	324	"725".clas. and (proxim$4).ab.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:40 PM
L211	0	(L114 L115 L116 L117 L118) and (offline disconnet$4)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:40 PM
L212	5	(L114 L115 L116 L117 L118)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:40 PM
L213	151	("20020124249"|"20040078809"|"20050165638"|"20070266403"|"20090049468"|"20090300675"|"20100175078"|"6868392"|"7072853"|"7100183"|"7152237"|"7490135"|"7634785"|"7979307"|"20050187823"|"20080118063"|"20010003184"|"20020013943"|"20020032603"|"20050246	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:40 PM

		736"|"20070198532"|"2 0090037949"|"5948061 "|"6366298"|"6771290"|" 8244574"|"8244582"|"2 0070038516"|"2009020 4706"|"20090217324"|" 20030149975"|"200401 07437"|"20050165643"| "20080281699"|"20100 076848"|"20110099576 "|"20120096489"|"5933 811"|"6385592"|"67185 51"|"6832207"|"709292 6"|"7818206"|"7987491" |"8132202"|"200200829 10"|"20020129362"|"20 020194058"|"20020194 604"|"20040172650"|"2 0050165644"|"2005028 3796"|"20070220553"|" 20080109843"|"200802 44076"|"20090007171"| "20090049469"|"20110 035256"|"20120096491 "|"5855008"|"6216129"|" 6377986"|"6536041"|"7 260823"|"7328450"|"77 47745"|"7856372"|"792 5549"|"8015286"|"8086 491"|"8108895"|"82049 65"|"8244583"|"200801 09376"|"20020078444"| "20030051242"|"20030 208758"|"20040117827 "|"20050125290"|"2006 0248570"|"2007010069 0"|"20070180469"|"200 90172728"|"201003256 59"|"20110167043"|"64 46261"|"7428493"|"781 8763"|"7890609"|"7899 915"|"8024454"|"82392 64"|"20080189360"|"20 080222283"|"20090171 780"|"20020123928"|"2 0030066078"|"2003009 3792"|"20050086112"|" 20050108776"|"201000 58383"|"5848396"|"616 0989"|"6973436"|"7822 639"|"7840689"|"82008 22"|"8204783"|"824458 6"|"20070073585"|"200 80255944"|"200901061 00"|"20110258049"|"20 060271953"|"20070089 127"|"20070208619"|"2 0070266400"|"2007028					

		3384"|"20070294721"|"20080040742"|"20090172723"|"20090199230"|"6684194"|"6925440"|"7370342"|"7822637"|"7856373"|"7861260"|"7937383"|"20020124253"|"20060253323"|"20080275785"|"20120023522"|"6845396"|"7039935"|"7051351"|"7328448"|"7370073"|"7454364"|"7636672"|"7739140"|"7844985"|"7900229"|"7941817"|"8024765"|"8051444"|"8132208"|"8150732"|"8166501"|"8213426"|"8239886").PN.				
L214	30	725/14.ccls. and 725/74,78-85.ccls.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:40 PM
L215	339	(location adj (ID identifier)) and "725".clas.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:40 PM
L216	16	(proxy adj location) and "725".clas.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:40 PM
L217	159	(shar$4 near2 location) and "725".clas.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:40 PM
L218	14	(proxy NEAR2 location).CLM. and "725".clas.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:40 PM
L219	14828	725/14-21.ccls.and (profile WITH proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:40 PM
L220	31	725/32,34-36.ccls. and (profile WITH proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:40 PM
L221	31	725/32,34-36.ccls. and (profile WITH proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:40 PM
L222	166	((ROY) near2 (SHKEDI)).INV.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:40 PM
L223	31	725/32,34-36.ccls. and (profile WITH proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:40 PM
L224	31	725/32,34-36.ccls. and (profile WITH proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:40 PM
L225	14	(proxy NEAR2 location).CLM. and "725".clas.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:40 PM
L226	222	(profile near5 devices	(US-PGPUB; USPAT;	OR	OFF	OFF	2022/01/19

		near5 proximity)	USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)				01:40 PM
L227	222	(profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:40 PM
L228	31	725/32,34-36.ccls. and (profile WITH proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:40 PM
L229	543	H04N21/$.cpc. and (profile WITH proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:40 PM
L230	543	H04N21/$.cpc. and (profile WITH proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:40 PM
L231	31	725/32,34-36.ccls. and (profile WITH proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:40 PM
L232	222	(profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:40 PM
L233	222	(profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:40 PM
L234	31	725/32,34-36.ccls. and (profile WITH proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:40 PM
L235	1	"8683502".pn.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:40 PM
L236	1	"9078035".pn.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:40 PM
L237	58	H04N21/4108$.cpc. and ((common shar$4) with (ip address))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:40 PM
L238	1442	H04N21/41$.cpc. and ((common shar$4) near10 (ip address))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:40 PM
L239	142	H04N21/4524$.cpc. and ((common shar$4) near10 (ip address))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:40 PM
L240	166	((ROY) near2 (SHKEDI)).INV.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:40 PM
L241	65147	H04N21/812.cpc. H04N21/25841.cpc. H04N21/25891.cpc. H04N21/2668.cpc. H04N21/4104.cpc. H04N21/4108.cpc. H04N21/4126.cpc. H04N21/42684.cpc. H04N21/435.cpc. H04N21/44222.cpc. H04N21/4524.cpc. H04N21/4532.cpc. H04N21/4882.cpc.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:40 PM

		H04N21/6125.cpc. H04N21/64322.cpc. H04N21/84.cpc.					
L242	4210	(L162) and ((common shar$4) with (ip address))	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2022/01/19 01:40 PM
L243	2958	(L162) and ((common shar$4) near10 (ip address))	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2022/01/19 01:40 PM
L244	11	"20130094830".pn. "20130219417".pn. "20120163770".pn. "20110246908".pn. "20090271821".pn.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:40 PM
L245	166	((ROY) near2 (SHKEDI)).INV.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:40 PM
L246	142	H04N21/4524$.cpc. and ((common shar$4) near10 (ip address))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:40 PM
L247	11	"20130094830".pn. "20130219417".pn. "20120163770".pn. "20110246908".pn. "20090271821".pn.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:40 PM
L248	58	H04N21/4108$.cpc. and ((common shar$4) with (ip address))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:40 PM
L249	222	(profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:40 PM
L250	222	(profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:40 PM
L251	6163	H04N21/$.cpc. and (((common shar$4) near10 (ip address)))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:40 PM
L252	645	H04N21/$.cpc. and ((profil$4 preferenc$$) with (proxim$4 nearby adjacen$4 vicinity)) with (associat$4 correlat$4 link$4)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/01/19 01:40 PM
L253	490	H04N21/$.cpc. and ((profil$4) with (proxim$4 nearby adjacen$4 vicinity)) with (associat$4 correlat$4 link$4)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/01/19 01:40 PM
L254	237	H04N21/$.cpc. and ((preferenc$$) with	(US-PGPUB; USPAT; USOCR; FPRS; EPO;	OR	ON	ON	2022/01/19 01:40 PM

		(proxim$4 nearby adjacen$4 vicinity)) with (associat$4 correlat$4 link$4)	JPO; DERWENT; IBM_TDB)				
L255	222	(profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:40 PM
L256	237	H04N21/$.cpc. and ((preferenc$$) with (proxim$4 nearby adjacen$4 vicinity)) with (associat$4 correlat$4 link$4)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/01/19 01:40 PM
L257	222	(profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:40 PM
L258	490	H04N21/$.cpc. and ((profil$4) with (proxim$4 nearby adjacen$4 vicinity)) with (associat$4 correlat$4 link$4)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/01/19 01:40 PM
L259	490	H04N21/$.cpc. and ((profil$4) with (proxim$4 nearby adjacen$4 vicinity)) with (associat$4 correlat$4 link$4)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/01/19 01:40 PM
L260	58	H04N21/4108$.cpc. and ((common shar$4) with (ip address))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:40 PM
L261	5790	H04N21/$.cpc. and ((common shar$4) near10 (ip address))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:40 PM
L262	5790	H04N21/$.cpc. and ((common shar$4) near10 (ip address))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:40 PM
L263	22870	(stb stt receiver set$top) near5 (proximate proximity (shar$4 near locat$4))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:40 PM
L264	984	L195 and H04N21/$.cpc.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:40 PM
L265	1403	H04N21/$.cpc. and (proxim$4).ab.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:40 PM
L266	58	H04N21/4108$.cpc. and ((common shar$4) with (ip address))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:40 PM
L267	1442	H04N21/41$.cpc. and ((common shar$4) near10 (ip address))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:40 PM

L268	169	((("SHKEDI") near3 ("Roy")) OR (("BEN-YISHAI") near3 ("Dror"))).INV.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	OFF	OFF	2022/01/19 01:40 PM
L269	45	("20020056088"|"20040068744"|"20050055713"|"20060123080"|"20060123081"|"20060205354"|"20070118661"|"20080195664"|"20080300985"|"20090044246"|"20100325659"|"20120149309"|"5809242"|"7486648").PN.	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/01/19 01:40 PM
L270	530	("20020124249"|"20030093792"|"20040117827"|"20050108776"|"20060248570"|"20070220553"|"20080109843"|"20080244076"|"20090199230"|"20100058383"|"20120096491"|"5855008"|"6216129"|"6366298"|"6684194"|"7260823"|"7328450"|"7490135"|"7890609"|"7925549"|"20040068744"|"20050055713"|"20100325659"|"20120149309"|"20020166119"|"20020013943"|"20020078444"|"20020123928"|"20040172650"|"20100076848"|"20120023522"|"5933811"|"7051351"|"7152237"|"7370073"|"7428493"|"7739140"|"7900229"|"7979307"|"8086491"|"8239886"|"20070073585"|"20090204706"|"20020082910"|"20030051242"|"20040107437"|"20050246736"|"20070100690"|"20070266403"|"20090049468"|"20090172728"|"20090300675"|"20110099576"|"20110167043"|"6377986"|"6832207"|"6868392"|"7092926"|"7328448"|"7634785"|"7747745"|"7822639"|"784068	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/01/19 01:40 PM

		9"|"7899915"|"8015286" |"8024765"|"8132202"|" 8150732"|"8239264"|"2 0090217324"|"2008030 0985"|"20010003184"|" 20020194058"|"200201 94604"|"20030066078"| "20030208758"|"20070 198532"|"20070266400 "|"20070283384"|"2008 0281699"|"2009000717 1"|"20090049469"|"638 5592"|"6446261"|"7072 853"|"20080189360"|"2 0060123081"|"2006025 3323"|"20070089127"|" 20070180469"|"200901 72723"|"5948061"|"692 5440"|"6718551"|"7370 342"|"7822637"|"78449 85"|"7987491"|"813220 8"|"8200822"|"8204783" |"8204965"|"8213426"|" 8244586"|"2005018782 3"|"20110258049"|"200 70118661"|"8522271"|" 20020032603"|"200201 24253"|"20050086112"| "20050125290"|"20050 165638"|"20050165644 "|"20080040742"|"2010 0175078"|"2010032565 9"|"20110035256"|"616 0989"|"6536041"|"6973 436"|"6845396"|"78187 63"|"7941817"|"816650 1"|"8244574"|"8244582" |"20080255944"|"20080 118063"|"20020056088 "|"20020129362"|"2003 0149975"|"2005016564 3"|"20050283796"|"200 80275785"|"201200964 89"|"5848396"|"677129 0"|"7100183"|"7636672" |"7818206"|"8244583"|" 20070038516"|"200802 22283"|"20090106100"| "20060205354"|"20090 044246"|"7486648"|"20 040078809"|"20060271 953"|"20070208619"|"2 0070294721"|"2009003 7949"|"7039935"|"7454 364"|"7856372"|"78563 73"|"7861260"|"793738 3"|"8024454"|"8051444" |"8108895"|"200901717					

		80"|"20080109376"|"20060123080"|"5809242").PN.					
L271	166	((ROY) near2 (SHKEDI)).INV.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L272	0	("20100325659.pn.").PN.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/01/19 01:49 PM
L273	0	("20100325659.pn.").PN.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:49 PM
L274	0	("7861260.pn.").PN.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/01/19 01:49 PM
L275	2	("20100325659").PN.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/01/19 01:49 PM
L276	2	("7861260").PN.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/01/19 01:49 PM
L277	246	("20020013943" | "20020032603" | "20020059602" | "20020078444" | "20020082910" | "20020104086" | "20020120933" | "20020120935" | "20020123928" | "20020124249" | "20020124253" | "20020129368" | "20020194058" | "20020194604" | "20030051242" | "20030066078" | "20030126597" | "20030135853" | "20030145323" | "20030149975" | "20030187949" | "20030208756" | "20030208758" | "20030226141" | "20040003406" | "20040010546" | "20040073915" | "20040078809" | "20040107437" | "20040117827" |	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM

		"20040123314" | "20040163101" | "20040172650" | "20050076393" | "20050086112" | "20050165638" | "20050165644" | "20050177420" | "20060116924" | "20060253323" | "20060271953" | "20070100690" | "20070233571" | "20070244750" | "20070266403" | "20070294721" | "20080016540" | "20080040742" | "20080243822" | "20080313194" | "20090049468" | "20090094119" | "20090172723" | "20090300675" | "5105184" | "5809242" | "5848396" | "5855008" | "5933811" | "5948061" | "5978013" | "6026368" | "6055573" | "6073241" | "6157946" | "6160989" | "6189008" | "6216129" | "6366298" | "6385592" | "6446261" | "6463533" | "6490587" | "6718551" | "6771290" | "6832207" | "6845396" | "6847992" | "6925440" | "6973436" | "7013290" | "7051351" | "7072853" | "7092926" | "7100183" | "7152237" | "7188085" | "7260823").PN. OR ("7861260").URPN.					
L278	4	725/14-21.ccls. and 725/32,34-36.ccls. and 725/62.ccls.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L279	43347	(stb stt receiver set$top) with (proximate proximity (shar$4 near locat$4))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L280	22870	(stb stt receiver set$top) near5 (proximate proximity (shar$4 near locat$4))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L281	372	L110 and "725".clas.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM

L282	1538	(stb stt receiver set$top) with (offline)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L283	65	L112 and "725".clas.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L284	1	"20060123080".pn.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L285	1	"20060123081" .pn.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L286	1	"20060205354".pn.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L287	1	"20070118661".pn.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L288	1	"20120149309".pn.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L289	35	"725".clas. and (proxim$4).ti.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L290	0	"725".clas. and profile near5 devices near5 proximity	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L291	0	"725".clas. and (profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L292	0	"725".clas. and (profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:49 PM
L293	222	(profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:49 PM
L294	51	alcon.xa.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L295	324	"725".clas. and (proxim$4).ab.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L296	0	(L114 L115 L116 L117 L118) and (offline disconnet$4)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L297	5	(L114 L115 L116 L117 L118)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L298	151	("20020124249"|"20040078809"|"20050165638"|"20070266403"|"20090049468"|"20090300675"|"20100175078"|"6868392"|"7072853"|"7100183"|"7152237"|"7490135"|"7634785"|"7979307"|"20050187823"|"20080118063"|"20010003184"|"20020013943"|"20020032603"|"20050246736"|"20070198532"|"2	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM

		0090037949"|"5948061"|"6366298"|"6771290"|"8244574"|"8244582"|"20070038516"|"20090204706"|"20090217324"|"20030149975"|"20040107437"|"20050165643"|"20080281699"|"20100076848"|"20110099576"|"20120096489"|"5933811"|"6385592"|"6718551"|"6832207"|"7092926"|"7818206"|"7987491"|"8132202"|"20020082910"|"20020129362"|"20020194058"|"20020194604"|"20040172650"|"20050165644"|"20050283796"|"20070220553"|"20080109843"|"20080244076"|"20090007171"|"20090049469"|"20110035256"|"20120096491"|"5855008"|"6216129"|"6377986"|"6536041"|"7260823"|"7328450"|"7747745"|"7856372"|"7925549"|"8015286"|"8086491"|"8108895"|"8204965"|"8244583"|"20080109376"|"20020078444"|"20030051242"|"20030208758"|"20040117827"|"20050125290"|"20060248570"|"20070100690"|"20070180469"|"20090172728"|"20100325659"|"20110167043"|"6446261"|"7428493"|"7818763"|"7890609"|"7899915"|"8024454"|"8239264"|"20080189360"|"20080222283"|"20090171780"|"20020123928"|"20030066078"|"20030093792"|"20050086112"|"20050108776"|"20100058383"|"5848396"|"6160989"|"6973436"|"7822639"|"7840689"|"8200822"|"8204783"|"8244586"|"20070073585"|"20080255944"|"20090106100"|"20110258049"|"20060271953"|"20070089127"|"20070208619"|"20070266400"|"20070283384"|"20070294721"|"					

		20080040742"|"20090172723"|"20090199230"|"6684194"|"6925440"|"7370342"|"7822637"|"7856373"|"7861260"|"7937383"|"20020124253"|"20060253323"|"20080275785"|"20120023522"|"6845396"|"7039935"|"7051351"|"7328448"|"7370073"|"7454364"|"7636672"|"7739140"|"7844985"|"7900229"|"7941817"|"8024765"|"8051444"|"8132208"|"8150732"|"8166501"|"8213426"|"8239886").PN.				
L299	30	725/14.ccls. and 725/74,78-85.ccls.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L300	339	(location adj (ID identifier)) and "725".clas.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:49 PM
L301	16	(proxy adj location) and "725".clas.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:49 PM
L302	159	(shar$4 near2 location) and "725".clas.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:49 PM
L303	14	(proxy NEAR2 location).CLM. and "725".clas.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:49 PM
L304	14828	725/14-21.ccls.and (profile WITH proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L305	31	725/32,34-36.ccls. and (profile WITH proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L306	31	725/32,34-36.ccls. and (profile WITH proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L307	166	((ROY) near2 (SHKEDI)).INV.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L308	31	725/32,34-36.ccls. and (profile WITH proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L309	31	725/32,34-36.ccls. and (profile WITH proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L310	14	(proxy NEAR2 location).CLM. and "725".clas.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:49 PM
L311	222	(profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR; FPRS; EPO;	OR	OFF	OFF	2022/01/19 01:49 PM

			JPO; DERWENT; IBM_TDB)				
L312	222	(profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:49 PM
L313	31	725/32,34-36.ccls. and (profile WITH proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L314	543	H04N21/$.cpc. and (profile WITH proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L315	543	H04N21/$.cpc. and (profile WITH proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L316	31	725/32,34-36.ccls. and (profile WITH proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L317	222	(profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:49 PM
L318	222	(profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:49 PM
L319	31	725/32,34-36.ccls. and (profile WITH proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L320	1	"8683502".pn.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L321	1	"9078035".pn.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L322	58	H04N21/4108$.cpc. and ((common shar$4) with (ip address))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L323	1442	H04N21/41$.cpc. and ((common shar$4) near10 (ip address))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L324	142	H04N21/4524$.cpc. and ((common shar$4) near10 (ip address))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L325	166	((ROY) near2 (SHKEDI)).INV.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L326	65147	H04N21/812.cpc. H04N21/25841.cpc. H04N21/25891.cpc. H04N21/2668.cpc. H04N21/4104.cpc. H04N21/4108.cpc. H04N21/4126.cpc. H04N21/42684.cpc. H04N21/435.cpc. H04N21/44222.cpc. H04N21/4524.cpc. H04N21/4532.cpc. H04N21/4882.cpc. H04N21/6125.cpc.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM

		H04N21/64322.cpc. H04N21/84.cpc.					
L327	4210	(L162) and ((common shar$4) with (ip address))	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2022/01/19 01:49 PM
L328	2958	(L162) and ((common shar$4) near10 (ip address))	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2022/01/19 01:49 PM
L329	11	"20130094830".pn. "20130219417".pn. "20120163770".pn. "20110246908".pn. "20090271821".pn.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:49 PM
L330	166	((ROY) near2 (SHKEDI)).INV.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L331	142	H04N21/4524$.cpc. and ((common shar$4) near10 (ip address))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L332	11	"20130094830".pn. "20130219417".pn. "20120163770".pn. "20110246908".pn. "20090271821".pn.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:49 PM
L333	58	H04N21/4108$.cpc. and ((common shar$4) with (ip address))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L334	222	(profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:49 PM
L335	222	(profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:49 PM
L336	6163	H04N21/$.cpc. and (((common shar$4) near10 (ip address)))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:49 PM
L337	645	H04N21/$.cpc. and ((profil$4 preferenc$$) with (proxim$4 nearby adjacen$4 vicinity)) with (associat$4 correlat$4 link$4)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/01/19 01:49 PM
L338	490	H04N21/$.cpc. and ((profil$4) with (proxim$4 nearby adjacen$4 vicinity)) with (associat$4 correlat$4 link$4)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/01/19 01:49 PM
L339	237	H04N21/$.cpc. and ((preferenc$$) with (proxim$4 nearby	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	OR	ON	ON	2022/01/19 01:49 PM

		adjacen$4 vicinity)) with (associat$4 correlat$4 link$4)	IBM_TDB)				
L340	222	(profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:49 PM
L341	237	H04N21/$.cpc. and ((preferenc$$) with (proxim$4 nearby adjacen$4 vicinity)) with (associat$4 correlat$4 link$4)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/01/19 01:49 PM
L342	222	(profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:49 PM
L343	490	H04N21/$.cpc. and ((profil$4) with (proxim$4 nearby adjacen$4 vicinity)) with (associat$4 correlat$4 link$4)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/01/19 01:49 PM
L344	490	H04N21/$.cpc. and ((profil$4) with (proxim$4 nearby adjacen$4 vicinity)) with (associat$4 correlat$4 link$4)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/01/19 01:49 PM
L345	58	H04N21/4108$.cpc. and ((common shar$4) with (ip address))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L346	5790	H04N21/$.cpc. and ((common shar$4) near10 (ip address))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L347	5790	H04N21/$.cpc. and ((common shar$4) near10 (ip address))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L348	22870	(stb stt receiver set$top) near5 (proximate proximity (shar$4 near locat$4))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L349	984	L195 and H04N21/$.cpc.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L350	1403	H04N21/$.cpc. and (proxim$4).ab.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L351	58	H04N21/4108$.cpc. and ((common shar$4) with (ip address))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L352	1442	H04N21/41$.cpc. and ((common shar$4) near10 (ip address))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L353	169	((("SHKEDI") near3	(US-PGPUB; USPAT;	OR	OFF	OFF	2022/01/19

		("Roy")) OR (("BEN-YISHAI") near3 ("Dror"))).INV.	USOCR; EPO; JPO; DERWENT)				01:49 PM
L354	45	("20020056088"|"20040068744"|"20050055713"|"20060123080"|"20060123081"|"2006020535 4"|"20070118661"|"20080195664"|"20080300985"|"20090044246"|"20100325659"|"20120149309"|"5809242"|"7486648").PN.	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/01/19 01:49 PM
L355	530	("20020124249"|"20030093792"|"20040117827"|"20050108776"|"20060248570"|"2007022055 3"|"20080109843"|"20080244076"|"20090199230"|"20100058383"|"20120096491"|"5855008"|"6216129"|"6366298"|"6684194"|"7260823"|"7328450"|"7490135"|"7890609"|"7925549"|"20040068744"|"2005005571 3"|"20100325659"|"20120149309"|"20020166119"|"20020013943"|"20020078444"|"20020123928"|"20040172650"|"20100076848"|"20120023522"|"5933811"|"7051351"|"7152237"|"7370073"|"7428493"|"7739140"|"7900229"|"7979307"|"8086491"|"8239886"|"20070073585"|"20090204706"|"20020082910"|"20030051242"|"20040107437"|"20050246736"|"20070100690"|"20070266403"|"20090049468"|"20090172728"|"20090300675"|"20110099576"|"20110167043"|"6377986"|"6832207"|"6868392"|"7092926"|"7328448"|"7634785"|"7747745"|"7822639"|"7840689"|"7899915"|"8015286"	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/01/19 01:49 PM

		|"8024765"|"8132202"|"8150732"|"8239264"|"20090217324"|"20080300985"|"20010003184"|"20020194058"|"20020194604"|"20030066078"|"20030208758"|"20070198532"|"20070266400"|"20070283384"|"20080281699"|"20090007171"|"20090049469"|"6385592"|"6446261"|"7072853"|"20080189360"|"20060123081"|"20060253323"|"20070089127"|"20070180469"|"20090172723"|"5948061"|"6925440"|"6718551"|"7370342"|"7822637"|"7844985"|"7987491"|"8132208"|"8200822"|"8204783"|"8204965"|"8213426"|"8244586"|"20050187823"|"20110258049"|"20070118661"|"8522271"|"20020032603"|"20020124253"|"20050086112"|"20050125290"|"20050165638"|"20050165644"|"20080040742"|"20100175078"|"20100325659"|"20110035256"|"6160989"|"6536041"|"6973436"|"6845396"|"7818763"|"7941817"|"8166501"|"8244574"|"8244582"|"20080255944"|"20080118063"|"20020056088"|"20020129362"|"20030149975"|"20050165643"|"20050283796"|"20080275785"|"20120096489"|"5848396"|"6771290"|"7100183"|"7636672"|"7818206"|"8244583"|"20070038516"|"20080222283"|"20090106100"|"20060205354"|"20090044246"|"7486648"|"20040078809"|"20060271953"|"20070208619"|"20070294721"|"20090037949"|"7039935"|"7454364"|"7856372"|"7856373"|"7861260"|"7937383"|"8024454"|"8051444"|"8108895"|"20090171780"|"20080109376"|"20				

		060123080"|"5809242").PN.					
L356	166	((ROY) near2 (SHKEDI)).INV.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L357	0	("20100325659.pn.").PN.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/01/19 01:49 PM
L358	0	("20100325659.pn.").PN.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:49 PM
L359	0	("7861260.pn.").PN.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/01/19 01:49 PM
L360	2	("20100325659").PN.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/01/19 01:49 PM
L361	2	("7861260").PN.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/01/19 01:49 PM
L362	246	("20020013943" | "20020032603" | "20020059602" | "20020078444" | "20020082910" | "20020104086" | "20020120933" | "20020120935" | "20020123928" | "20020124249" | "20020124253" | "20020129368" | "20020194058" | "20020194604" | "20030051242" | "20030066078" | "20030126597" | "20030135853" | "20030145323" | "20030149975" | "20030187949" | "20030208756" | "20030208758" | "20030226141" | "20040003406" | "20040010546" | "20040073915" | "20040078809" | "20040107437" | "20040117827" | "20040123314" |	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM

		"20040163101" | "20040172650" | "20050076393" | "20050086112" | "20050165638" | "20050165644" | "20050177420" | "20060116924" | "20060253323" | "20060271953" | "20070100690" | "20070233571" | "20070244750" | "20070266403" | "20070294721" | "20080016540" | "20080040742" | "20080243822" | "20080313194" | "20090049468" | "20090094119" | "20090172723" | "20090300675" | "5105184" | "5809242" | "5848396" | "5855008" | "5933811" | "5948061" | "5978013" | "6026368" | "6055573" | "6073241" | "6157946" | "6160989" | "6189008" | "6216129" | "6366298" | "6385592" | "6446261" | "6463533" | "6490587" | "6718551" | "6771290" | "6832207" | "6845396" | "6847992" | "6925440" | "6973436" | "7013290" | "7051351" | "7072853" | "7092926" | "7100183" | "7152237" | "7188085" | "7260823").PN. OR ("7861260").URPN.					
L363	4	725/14-21.ccls. and 725/32,34-36.ccls. and 725/62.ccls.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L364	43347	(stb stt receiver set$top) with (proximate proximity (shar$4 near locat$4))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L365	22870	(stb stt receiver set$top) near5 (proximate proximity (shar$4 near locat$4))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L366	372	L110 and "725".clas.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L367	1538	(stb stt receiver set$top)	(US-PGPUB; USPAT;	OR	OFF	OFF	2022/01/19

		with (offline)	USOCR)				01:49 PM
L368	65	L112 and "725".clas.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L369	1	"20060123080".pn.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L370	1	"20060123081" .pn.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L371	1	"20060205354".pn.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L372	1	"20070118661".pn.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L373	1	"20120149309".pn.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L374	35	"725".clas. and (proxim$4).ti.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L375	0	"725".clas. and profile near5 devices near5 proximity	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L376	0	"725".clas. and (profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L377	0	"725".clas. and (profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:49 PM
L378	222	(profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:49 PM
L379	51	alcon.xa.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L380	324	"725".clas. and (proxim$4).ab.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L381	0	(L114 L115 L116 L117 L118) and (offline disconnet$4)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L382	5	(L114 L115 L116 L117 L118)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L383	151	("20020124249"|"20040078809"|"20050165638"|"20070266403"|"20090049468"|"20090300675"|"20100175078"|"6868392"|"7072853"|"7100183"|"7152237"|"7490135"|"7634785"|"7979307"|"20050187823"|"20080118063"|"20010003184"|"20020013943"|"20020032603"|"20050246736"|"20070198532"|"20090037949"|"5948061	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM

		"|"6366298"|"6771290"|"8244574"|"8244582"|"20070038516"|"20090204706"|"20090217324"|"20030149975"|"20040107437"|"20050165643"|"20080281699"|"20100076848"|"20110099576"|"20120096489"|"5933811"|"6385592"|"6718551"|"6832207"|"7092926"|"7818206"|"7987491"|"8132202"|"20020082910"|"20020129362"|"20020194058"|"20020194604"|"20040172650"|"20050165644"|"20050283796"|"20070220553"|"20080109843"|"20080244076"|"20090007171"|"20090049469"|"20110035256"|"20120096491"|"5855008"|"6216129"|"6377986"|"6536041"|"7260823"|"7328450"|"7747745"|"7856372"|"7925549"|"8015286"|"8086491"|"8108895"|"8204965"|"8244583"|"20080109376"|"20020078444"|"20030051242"|"20030208758"|"20040117827"|"20050125290"|"20060248570"|"20070100690"|"20070180469"|"20090172728"|"20100325659"|"20110167043"|"6446261"|"7428493"|"7818763"|"7890609"|"7899915"|"8024454"|"8239264"|"20080189360"|"20080222283"|"20090171780"|"20020123928"|"20030066078"|"20030093792"|"20050086112"|"20050108776"|"20100058383"|"5848396"|"6160989"|"6973436"|"7822639"|"7840689"|"8200822"|"8204783"|"8244586"|"20070073585"|"20080255944"|"20090106100"|"20110258049"|"20060271953"|"20070089127"|"20070208619"|"20070266400"|"20070283384"|"20070294721"|"20080040742"|"200901					

		72723"|"20090199230"|"6684194"|"6925440"|"7370342"|"7822637"|"7856373"|"7861260"|"7937383"|"20020124253"|"20060253323"|"20080275785"|"20120023522"|"6845396"|"7039935"|"7051351"|"7328448"|"7370073"|"7454364"|"7636672"|"7739140"|"7844985"|"7900229"|"7941817"|"8024765"|"8051444"|"8132208"|"8150732"|"8166501"|"8213426"|"8239886").PN.					
L384	30	725/14.ccls. and 725/74,78-85.ccls.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L385	339	(location adj (ID identifier)) and "725".clas.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:49 PM
L386	16	(proxy adj location) and "725".clas.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:49 PM
L387	159	(shar$4 near2 location) and "725".clas.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:49 PM
L388	14	(proxy NEAR2 location).CLM. and "725".clas.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:49 PM
L389	14828	725/14-21.ccls.and (profile WITH proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L390	31	725/32,34-36.ccls. and (profile WITH proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L391	31	725/32,34-36.ccls. and (profile WITH proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L392	166	((ROY) near2 (SHKEDI)).INV.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L393	31	725/32,34-36.ccls. and (profile WITH proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L394	31	725/32,34-36.ccls. and (profile WITH proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L395	14	(proxy NEAR2 location).CLM. and "725".clas.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:49 PM
L396	222	(profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	OR	OFF	OFF	2022/01/19 01:49 PM

			IBM_TDB)				
L397	222	(profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:49 PM
L398	31	725/32,34-36.ccls. and (profile WITH proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L399	543	H04N21/$.cpc. and (profile WITH proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L400	543	H04N21/$.cpc. and (profile WITH proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L401	31	725/32,34-36.ccls. and (profile WITH proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L402	222	(profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:49 PM
L403	222	(profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:49 PM
L404	31	725/32,34-36.ccls. and (profile WITH proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L405	1	"8683502".pn.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L406	1	"9078035".pn.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L407	58	H04N21/4108$.cpc. and ((common shar$4) with (ip address))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L408	1442	H04N21/41$.cpc. and ((common shar$4) near10 (ip address))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L409	142	H04N21/4524$.cpc. and ((common shar$4) near10 (ip address))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L410	166	((ROY) near2 (SHKEDI)).INV.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L411	65147	H04N21/812.cpc. H04N21/25841.cpc. H04N21/25891.cpc. H04N21/2668.cpc. H04N21/4104.cpc. H04N21/4108.cpc. H04N21/4126.cpc. H04N21/42684.cpc. H04N21/435.cpc. H04N21/44222.cpc. H04N21/4524.cpc. H04N21/4532.cpc. H04N21/4882.cpc. H04N21/6125.cpc. H04N21/64322.cpc.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM

		H04N21/84.cpc.					
L412	4210	(L162) and ((common shar$4) with (ip address))	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2022/01/19 01:49 PM
L413	2958	(L162) and ((common shar$4) near10 (ip address))	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2022/01/19 01:49 PM
L414	11	"20130094830".pn. "20130219417".pn. "20120163770".pn. "20110246908".pn. "20090271821".pn.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:49 PM
L415	166	((ROY) near2 (SHKEDI)).INV.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L416	142	H04N21/4524$.cpc. and ((common shar$4) near10 (ip address))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L417	11	"20130094830".pn. "20130219417".pn. "20120163770".pn. "20110246908".pn. "20090271821".pn.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:49 PM
L418	58	H04N21/4108$.cpc. and ((common shar$4) with (ip address))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L419	222	(profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:49 PM
L420	222	(profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:49 PM
L421	6163	H04N21/$.cpc. and (((common shar$4) near10 (ip address)))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:49 PM
L422	645	H04N21/$.cpc. and ((profil$4 preferenc$$) with (proxim$4 nearby adjacen$4 vicinity)) with (associat$4 correlat$4 link$4)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/01/19 01:49 PM
L423	490	H04N21/$.cpc. and ((profil$4) with (proxim$4 nearby adjacen$4 vicinity)) with (associat$4 correlat$4 link$4)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/01/19 01:49 PM
L424	237	H04N21/$.cpc. and ((preferenc$$) with (proxim$4 nearby adjacen$4 vicinity)) with	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/01/19 01:49 PM

		(associat$4 correlat$4 link$4)					
L425	222	(profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:49 PM
L426	237	H04N21/$.cpc. and ((preferenc$$) with (proxim$4 nearby adjacen$4 vicinity)) with (associat$4 correlat$4 link$4)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/01/19 01:49 PM
L427	222	(profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:49 PM
L428	490	H04N21/$.cpc. and ((profil$4) with (proxim$4 nearby adjacen$4 vicinity)) with (associat$4 correlat$4 link$4)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/01/19 01:49 PM
L429	490	H04N21/$.cpc. and ((profil$4) with (proxim$4 nearby adjacen$4 vicinity)) with (associat$4 correlat$4 link$4)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/01/19 01:49 PM
L430	58	H04N21/4108$.cpc. and ((common shar$4) with (ip address))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L431	5790	H04N21/$.cpc. and ((common shar$4) near10 (ip address))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L432	5790	H04N21/$.cpc. and ((common shar$4) near10 (ip address))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L433	22870	(stb stt receiver set$top) near5 (proximate proximity (shar$4 near locat$4))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L434	984	L195 and H04N21/$.cpc.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L435	1403	H04N21/$.cpc. and (proxim$4).ab.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L436	58	H04N21/4108$.cpc. and ((common shar$4) with (ip address))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L437	1442	H04N21/41$.cpc. and ((common shar$4) near10 (ip address))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L438	169	((("SHKEDI") near3 ("Roy")) OR (("BEN-	(US-PGPUB; USPAT; USOCR; EPO; JPO;	OR	OFF	OFF	2022/01/19 01:49 PM

		YISHAI") near3 ("Dror"))).INV.	DERWENT)				
L439	45	("20020056088"|"20040068744"|"20050055713"|"20060123080"|"20060123081"|"20060205354"|"20070118661"|"20080195664"|"20080300985"|"20090044246"|"20100325659"|"20120149309"|"5809242"|"7486648").PN.	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/01/19 01:49 PM
L440	530	("20020124249"|"20030093792"|"20040117827"|"20050108776"|"20060248570"|"20070220553"|"20080109843"|"20080244076"|"20090199230"|"20100058383"|"20120096491"|"5855008"|"6216129"|"6366298"|"6684194"|"7260823"|"7328450"|"7490135"|"7890609"|"7925549"|"20040068744"|"20050055713"|"20100325659"|"20120149309"|"20020166119"|"20020013943"|"20020078444"|"20020123928"|"20040172650"|"20100076848"|"20120023522"|"5933811"|"7051351"|"7152237"|"7370073"|"7428493"|"7739140"|"7900229"|"7979307"|"8086491"|"8239886"|"20070073585"|"20090204706"|"20020082910"|"20030051242"|"20040107437"|"20050246736"|"20070100690"|"20070266403"|"20090049468"|"20090172728"|"20090300675"|"20110099576"|"20110167043"|"6377986"|"6832207"|"6868392"|"7092926"|"7328448"|"7634785"|"7747745"|"7822639"|"7840689"|"7899915"|"8015286"|"8024765"|"8132202"|	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/01/19 01:49 PM

		8150732"|"8239264"|"2 0090217324"|"2008030 0985"|"20010003184"|" 20020194058"|"200201 94604"|"20030066078"| "20030208758"|"20070 198532"|"20070266400 "|"20070283384"|"2008 0281699"|"2009000717 1"|"20090049469"|"638 5592"|"6446261"|"7072 853"|"20080189360"|"2 0060123081"|"2006025 3323"|"20070089127"|" 20070180469"|"200901 72723"|"5948061"|"692 5440"|"6718551"|"7370 342"|"7822637"|"78449 85"|"7987491"|"813220 8"|"8200822"|"8204783" |"8204965"|"8213426"|" 8244586"|"2005018782 3"|"20110258049"|"200 70118661"|"8522271"|" 20020032603"|"200201 24253"|"20050086112"| "20050125290"|"20050 165638"|"20050165644 "|"20080040742"|"2010 0175078"|"2010032565 9"|"20110035256"|"616 0989"|"6536041"|"6973 436"|"6845396"|"78187 63"|"7941817"|"816650 1"|"8244574"|"8244582" |"20080255944"|"20080 118063"|"20020056088 "|"20020129362"|"2003 0149975"|"2005016564 3"|"20050283796"|"200 80275785"|"201200964 89"|"5848396"|"677129 0"|"7100183"|"7636672" |"7818206"|"8244583"|" 20070038516"|"200802 22283"|"20090106100"| "20060205354"|"20090 044246"|"7486648"|"20 040078809"|"20060271 953"|"20070208619"|"2 0070294721"|"2009003 7949"|"7039935"|"7454 364"|"7856372"|"78563 73"|"7861260"|"793738 3"|"8024454"|"8051444" |"8108895"|"200901717 80"|"20080109376"|"20 060123080"|"5809242")					

		.PN.					
L441	966162	(PII (personal$4 near2 information))	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/01/19 02:23 PM
L442	329109	(H04N21/812 OR H04N21/25841 OR H04N21/25891 OR H04N21/2668 OR H04N21/4104 OR H04N21/4108 OR H04N21/4126 OR H04N21/42684 OR H04N21/435 OR H04N21/43615 OR H04N21/44222 OR H04N21/4524 OR H04N21/4532 OR H04N21/6125 OR H04N21/6402 OR H04N21/64322 OR H04N21/84 OR H04N21/4882).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/01/19 02:23 PM
L443	7631	(PII (personal$4 near2 information)) WITH (provider server source) WITH ((subscriber user) near2(identifier ID))	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/01/19 02:27 PM
L444	171	L460 AND L459	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA,	OR	ON	ON	2022/01/19 02:28 PM

			EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L445	16913	L458 AND L459	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/01/19 02:28 PM
L446	3040	L459 AND ((common shar$4) near10 (ip address))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 02:55 PM
L447	17632	(device client user) near6(associat$4 link$4 connect $4coupl$4) same2((common shar$4) near5 (ip address))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 03:04 PM
L448	558	L464 AND L459	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 03:05 PM
L449	57	behavioral AND L457	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/01/19 05:07 PM
L450	23	behavioral near2 target$4 AND L457	(US-PGPUB; USPAT; USOCR; FIT (AP, AT,	OR	ON	ON	2022/01/19 05:07 PM

			AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L451	8	("20020144281" "20100333131" "20120084828").pn.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/01/19 05:14 PM
L453	0	behavioral near2 target$4 AND L457	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/01/26 10:57 AM
L454	348035	(H04N21/812 OR H04N21/25841 OR H04N21/25891 OR H04N21/2668 OR H04N21/4104 OR H04N21/4108 OR H04N21/4126 OR H04N21/42684 OR H04N21/435 OR H04N21/43615 OR H04N21/44222 OR	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO,	OR	ON	ON	2024/01/26 10:58 AM

		H04N21/4524 OR H04N21/4532 OR H04N21/6125 OR H04N21/6402 OR H04N21/64322 OR H04N21/84 OR H04N21/4882).cpc.	RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L455	8642	(PII (personal$4 near2 information)) WITH (provider server source) WITH ((subscriber user) near2(identifier ID))	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/01/26 10:58 AM
L456	20395	(device client user) near6(associat$4 link$4 connect $4coupl$4) same2((common shar$4) near5 (ip address))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2024/01/26 10:58 AM
L457	67521	H04N21/812.cpc. H04N21/25841.cpc. H04N21/25891.cpc. H04N21/2668.cpc. H04N21/4104.cpc. H04N21/4108.cpc. H04N21/4126.cpc. H04N21/42684.cpc. H04N21/435.cpc. H04N21/44222.cpc. H04N21/4524.cpc. H04N21/4532.cpc. H04N21/4882.cpc. H04N21/6125.cpc. H04N21/64322.cpc. H04N21/84.cpc.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2024/01/26 10:59 AM
L458	154	H04N21/4524$.cpc. and ((common shar$4) near10 (ip address))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2024/01/26 10:59 AM
L459	67	L457 AND L455	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2024/01/26 11:01 AM
L460	617	L457 AND L456	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2024/01/26 11:02 AM
L461	224	L457 AND (behavioral near2 target$4)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2024/01/26 11:03 AM
L462	6381	H04N21/$.cpc. AND	(US-PGPUB; USPAT;	OR	OFF	OFF	2024/01/26

		((common shar$4) near10 (ip address))	USOCR)				11:21 AM
L463	2050	H04N21/$.cpc. AND ((common shar$4) near10 (ip address)) same3(identifier id identifiab$4)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2024/01/26 11:28 AM
L464	855	H04N21/$.cpc. AND ((common shar$4) near10 (ip address)) SAME (identifier id identifiab$4)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2024/01/26 11:39 AM
L465	191	((ROY) near2 (SHKEDI)).INV.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2024/01/26 05:17 PM
L466	22018	(device client user) near6(associat$4 link$4 connect $4coupl$4) SAME (ip address) AND H04N21/$.cpc.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2024/01/27 06:48 AM
L467	987	(device client user) near6(associat$4 link$4 connect $4coupl$4) SAME (ip address) WITH (common shar$4) AND H04N21/$.cpc.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2024/01/27 06:51 AM
L468	25	(device client user) near6(associat$4 link$4 connect $4coupl$4) SAME (ip address) WITH (common shar$4) AND ((PII (personal$4 near2 information)) WITH (provider server source) WITH ((subscriber user) near2(identifier ID)))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2024/01/27 06:59 AM
L469	25	(device client user) near6(associat$4 link$4 connect $4coupl$4) SAME (ip address) WITH (common shar$4) AND ((PII (personal$4 near2 information)) WITH (provider server source) WITH ((subscriber user) near2(identifier ID)))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2024/02/13 11:36 AM
L470	22073	(device client user) near6(associat$4 link$4 connect $4coupl$4) SAME (ip address) AND H04N21/$.cpc.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2024/02/13 11:36 AM
L471	224	L457 AND (behavioral near2 target$4)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2024/02/13 11:36 AM

L472	25	(device client user) near6(associat$4 link$4 connect $4coupl$4) SAME (ip address) WITH (common shar$4) AND ((PII (personal$4 near2 information)) WITH (provider server source) WITH ((subscriber user) near2(identifier ID)))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2024/02/13 11:37 AM
L473	224	L457 AND (behavioral near2 target$4)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2024/02/13 11:37 AM
L474	44	L460 AND L459	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/02/13 11:37 AM

PE2E SEARCH - Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	British Equivalents	Time Stamp
N33	180	(725/14.ccls. 725/74,78-85.ccls. 725/32-36.ccls.) and (proxim$4).clm.	(US-PGPUB; USPAT)	OR	OFF	OFF	2013/10/16 06:25 PM
N34	57	(725/14.ccls. 725/74,78-85.ccls. 725/32-36.ccls.) and (proxy).clm.	(US-PGPUB; USPAT)	OR	OFF	OFF	2013/10/16 06:26 PM
N35	1193	(location near4 (ID identifier)) and "725".clas.	(US-PGPUB; USPAT)	OR	OFF	OFF	2013/10/16 06:27 PM
N36	231	(location adj (ID identifier)) and "725".clas.	(US-PGPUB; USPAT)	OR	OFF	OFF	2013/10/16 06:27 PM
N60	94	H04N21/$.cpc. and (((common shar$4) near10 (ip address))).clm.	(USPAT)	OR	OFF	OFF	2016/10/18 01:16 PM
N65	117	H04N21/$.cpc. and (((common shar$4) near10 (ip	(USPAT)	OR	OFF	OFF	2018/04/12 06:34 PM

		address))).clm.					
N66	291	H04N21/$.cpc. and (((common shar$4) near10 (ip address))).clm.	(US-PGPUB; USPAT)	OR	OFF	OFF	2018/04/12 06:34 PM
N75	321	H04N21/$.cpc. and (((common shar$4) near10 (ip address))).clm.	(US-PGPUB; USPAT)	OR	OFF	OFF	2018/12/28 04:52 PM
N76	134	H04N21/$.cpc. and (((common shar$4) near10 (ip address))).clm.	(USPAT)	OR	OFF	OFF	2018/12/28 04:52 PM
N81	0	(H04N21/$.cpc. and ((preferenc$$) with (proxim$4 nearby adjacen$4 vicinity)) with (associat$4 correlat$4 link$4)).clm.	(USPAT)	OR	ON	ON	2020/04/22 01:50 PM
N82	7	H04N21/$.cpc. and (((preferenc$$) with (proxim$4 nearby adjacen$4 vicinity)) with (associat$4 correlat$4 link$4)).clm.	(USPAT)	OR	ON	ON	2020/04/22 01:50 PM
N83	71	H04N21/$.cpc. and (((profil$4) with (proxim$4 nearby adjacen$4 vicinity)) with (associat$4 correlat$4 link$4)).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2020/04/22 01:51 PM
N84	22	H04N21/$.cpc. and (((preferenc$$) with (proxim$4 nearby adjacen$4 vicinity)) with (associat$4 correlat$4 link$4)).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2020/04/22 01:51 PM
N85	24	H04N21/$.cpc. and (((preferenc$$) with (proxim$4 nearby adjacen$4 vicinity)) with (associat$4 correlat$4 link$4)).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2021/03/10 02:46 PM
N86	76	H04N21/$.cpc. and (((profil$4) with (proxim$4 nearby adjacen$4 vicinity)) with (associat$4 correlat$4 link$4)).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2021/03/10 02:46 PM
N87	8	H04N21/$.cpc. and (((preferenc$$) with (proxim$4 nearby adjacen$4 vicinity)) with (associat$4 correlat$4	(USPAT)	OR	ON	ON	2021/03/10 02:46 PM

		link$4)).clm.					
N88	180	(725/14.ccls. 725/74,78-85.ccls. 725/32-36.ccls.) and (proxim$4).clm.	(US-PGPUB; USPAT)	OR	OFF	OFF	2013/10/16 06:25 PM
N89	57	(725/14.ccls. 725/74,78-85.ccls. 725/32-36.ccls.) and (proxy).clm.	(US-PGPUB; USPAT)	OR	OFF	OFF	2013/10/16 06:26 PM
N90	1193	(location near4 (ID identifier)) and "725".clas.	(US-PGPUB; USPAT)	OR	OFF	OFF	2013/10/16 06:27 PM
N91	231	(location adj (ID identifier)) and "725".clas.	(US-PGPUB; USPAT)	OR	OFF	OFF	2013/10/16 06:27 PM
N92	94	H04N21/$.cpc. and (((common shar$4) near10 (ip address))).clm.	(USPAT)	OR	OFF	OFF	2016/10/18 01:16 PM
N93	117	H04N21/$.cpc. and (((common shar$4) near10 (ip address))).clm.	(USPAT)	OR	OFF	OFF	2018/04/12 06:34 PM
N94	291	H04N21/$.cpc. and (((common shar$4) near10 (ip address))).clm.	(US-PGPUB; USPAT)	OR	OFF	OFF	2018/04/12 06:34 PM
N95	321	H04N21/$.cpc. and (((common shar$4) near10 (ip address))).clm.	(US-PGPUB; USPAT)	OR	OFF	OFF	2018/12/28 04:52 PM
N96	134	H04N21/$.cpc. and (((common shar$4) near10 (ip address))).clm.	(USPAT)	OR	OFF	OFF	2018/12/28 04:52 PM
N97	0	(H04N21/$.cpc. and ((preferenc$$) with (proxim$4 nearby adjacen$4 vicinity)) with (associat$4 correlat$4 link$4)).clm.	(USPAT)	OR	ON	ON	2020/04/22 01:50 PM
N98	7	H04N21/$.cpc. and (((preferenc$$) with (proxim$4 nearby adjacen$4 vicinity)) with (associat$4 correlat$4 link$4)).clm.	(USPAT)	OR	ON	ON	2020/04/22 01:50 PM
N99	71	H04N21/$.cpc. and (((profil$4) with (proxim$4 nearby adjacen$4 vicinity)) with (associat$4 correlat$4 link$4)).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2020/04/22 01:51 PM

N100	22	H04N21/$.cpc. and (((preferenc$$) with (proxim$4 nearby adjacen$4 vicinity)) with (associat$4 correlat$4 link$4)).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2020/04/22 01:51 PM
N101	24	H04N21/$.cpc. and (((preferenc$$) with (proxim$4 nearby adjacen$4 vicinity)) with (associat$4 correlat$4 link$4)).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2021/03/10 02:46 PM
N102	76	H04N21/$.cpc. and (((profil$4) with (proxim$4 nearby adjacen$4 vicinity)) with (associat$4 correlat$4 link$4)).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2021/03/10 02:46 PM
N103	8	H04N21/$.cpc. and (((preferenc$$) with (proxim$4 nearby adjacen$4 vicinity)) with (associat$4 correlat$4 link$4)).clm.	(USPAT)	OR	ON	ON	2021/03/10 02:46 PM
N104	106	H04N21/$.cpc. AND (((common shar$4) near10 (ip address)) SAME (identifier id identifiab$4)).clm.	(US-PGPUB; USPAT)	OR	OFF	OFF	2024/01/26 04:55 PM
N105	106	H04N21/$.cpc. AND (((common shar$4) near10 (ip address)) SAME (identifier id identifiab$4)).clm.	(US-PGPUB; USPAT)	OR	OFF	OFF	2024/02/13 11:36 AM
N106	103	H04N21/$.cpc. and (((profil$4) with (proxim$4 nearby adjacen$4 vicinity)) with (associat$4 correlat$4 link$4)).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2024/02/13 11:36 AM

UNITED STATES
PATENT AND TRADEMARK OFFICE

P.O. Box 1450
Alexandria, VA 22313 - 1450
www.uspto.gov

ELECTRONIC ACKNOWLEDGEMENT RECEIPT

APPLICATION #	RECEIPT DATE / TIME	ATTORNEY DOCKET #
18/202,206	**02/05/2024 05:25:12 PM Z ET**	**14-TV12-CON9**

Title of Invention

TARGETED TELEVISION ADVERTISING BASED ON PROFILES LINKED TO MULITPLE ONLINE DEVICES

Application Information

APPLICATION TYPE	Utility - Nonprovisional Application under 35 USC 111(a)	PATENT #	-
CONFIRMATION #	5269	FILED BY	Louis Hoffman
PATENT CENTER #	64214131	FILING DATE	05/25/2023
CUSTOMER #	26362	FIRST NAMED INVENTOR	Mr. Roy Shkedi
CORRESPONDENCE ADDRESS	-	AUTHORIZED BY	-

Documents

TOTAL DOCUMENTS: 1

DOCUMENT	PAGES	DESCRIPTION	SIZE (KB)
24-02-05-IIQ-TV12-CON9-RTOA.pdf	3	Amendment/Request for Reconsideration-After Non-Final Rejection	313 KB

Digest

DOCUMENT	MESSAGE DIGEST(SHA-512)
24-02-05-IIQ-TV12-CON9-RTOA.pdf	335384D6498B80C9CFDC11352BD6AF4A6EAB54F2418438922E162652EA546710D50BE12A921BF5DC0BE2762CD397BAD1CE45CBCA2E64196AEE2A7B0DD179E719

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

described in MPEP 503.

New Applications Under 35 U.S.C. 111

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

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

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

New International Application Filed with the USPTO as a Receiving Office

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

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor	:	Shkedi, Roy et al.	Art Unit	:	2425
Serial No.	:	18/202,206	Examiner	:	Alcon, F.
Filing Date	:	05/25/2023	Conf. No.	:	5269
Title	:	Method and computer system using proxy IP addresses and PII in measuring ad effectiveness across devices			

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

Filed via Patent Center on Feb. 5, 2024
/Louis J. Hoffman/

RESPONSE TO OFFICE ACTION

Dear Sir:

In response to the Office Action dated Feb. 1, 2024, applicant requests consideration of the following remarks.

Remarks begin on page 2.

Remarks

The Office Action dated Feb. 1, 2024, rejects the two independent claims for obviousness-type double-patenting over parent U.S. Patent 11,368,763. (To avoid any confusion, appellant understands the claim at the left column of page 4 of the Office Action to be claim 4 of the '763 Patent as issued, and the column titles on the bottom of page 3 of the Office Action to have been inadvertently reversed.) The action indicates that the dependent claims are allowable.

The listed parent patent is commonly owned, and a patent issuing from the instant application is expected to expire on the same day as the parent '763 Patent. In view of that fact, it does not seem necessary to consider the relationship between the claim sets. Assignee has therefore filed today through Patent Center an eTerminal Disclaimer, for automatic processing, which has received immediate approval.

By filing a terminal disclaimer to simplify and expedite allowance, assignee does not concede that the rejected claims are patentably indistinct from the claims of the parent patent or that they contain parallel, inherent, or related limitations. *See* MPEP 804.02(II) ("The filing of a terminal disclaimer to obviate a rejection based on nonstatutory double patenting is not an admission of the propriety of the rejection.") (citing *Quad Envtl. Techs. Corp. v. Union Sanitary Dist.*, 946 F.2d 870, 874 (Fed. Cir. 1991) (the "filing of a terminal disclaimer simply serves the statutory function of removing the rejection of double patenting, and raises neither a presumption nor estoppel on the merits of the rejection.")).

Separately, to clarify the record, the undersigned confirms that he filed the Response to Notice of Missing Parts dated Nov. 14, 2023, and the Preliminary Amendment dated Dec. 6, 2023, as attorney for assignee/applicant Intent IQ, LLC, rather than as attorney for the entity listed above the signature blocks of each of those documents.

The undersigned and applicant thank the examiner for the careful examination and consideration of this application. Please feel free to telephone the undersigned if it would in any way advance prosecution of this application.

Respectfully submitted,

INTENT IQ, LLC

by its attorney

Dated: February 5, 2024

/Louis J. Hoffman/
Louis J. Hoffman
Reg. No. 38,918

LOUIS J. HOFFMAN, P.C.
7689 East Paradise Lane
Suite 2
Scottsdale, Arizona 85260
(480) 948-3295

UNITED STATES
PATENT AND TRADEMARK OFFICE

P.O. Box 1450
Alexandria, VA 22313 - 1450
www.uspto.gov

TERMINAL DISCLAIMER TO OBVIATE A DOUBLE PATENTING REJECTION OVER A PRIOR PATENT

APPLICATION #	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET #
18202206	**05/25/2023**	**Roy Shkedi**	**14-TV12-CON9**

Title of Invention

TARGETED TELEVISION ADVERTISING BASED ON PROFILES LINKED TO MULITPLE ONLINE DEVICES

☑	Filing of terminal disclaimer does not obviate requirement for response under 37 CFR 1.111 to outstanding Office Action
☑	This electronic Terminal Disclaimer is not being used for a Joint Research Agreement.

Owner	Percent interest
Intent IQ, LLC	100%
Total	**100%**

The owner(s) of percent interest listed above in the instant application hereby disclaims, except as provided below, the terminal part of the statutory term of any patent granted on the instant application which would extend beyond the expiration date of the full statutory term of any patent granted on pending reference Application Number(s)

Application #	Filing Date

as the term of any patent granted on said reference application may be shortened by any terminal disclaimer filed prior to the grant of any patent on the pending reference application. The owner hereby agrees that any patent so granted on the instant application shall be enforceable only for and during such period that it and any patent granted on the reference application are commonly owned. This agreement runs with any patent granted on the instant application and is binding upon the grantee, its successors or assigns.
In making the above disclaimer, the owner does not disclaim the terminal part of any patent granted on the instant application that would extend to the expiration date of the full statutory term of any patent granted on said reference application, "as the term of any patent granted on said reference application may be shortened by any terminal disclaimer filed prior to the grant of any patent on the pending reference application," in the event that any such patent granted on the pending reference application: expires for failure to pay a maintenance fee, is held unenforceable, is found invalid by a court of competent jurisdiction, is statutorily disclaimed in whole or terminally disclaimed under 37 CFR 1.321, has all claims canceled by a reexamination certificate, is reissued, or is in any manner terminated prior to the expiration of its full statutory term as shortened by any terminal disclaimer filed prior to its grant.

The owner(s) of percent interest listed above in the instant application hereby disclaims, except as provided below, the terminal part of the statutory term of any patent granted on the instant application which would extend beyond the expiration date of the full statutory term of prior patent number(s)

Patent #
11368763

as the term of said prior patent is presently shortened by any terminal disclaimer. The owner hereby agrees that any patent so granted on the instant application shall be enforceable only for and during such period that it and the prior patent are commonly owned. This agreement runs with any patent granted on the instant application and is binding upon the grantee, its successors or assigns.
In making the above disclaimer, the owner does not disclaim the terminal part of the term of any patent granted on the instant application that would extend to the expiration date of the full statutory term of the prior patent, "as the term of said prior patent is presently shortened by any terminal disclaimer," in the event that said prior patent later:
- expires for failure to pay a maintenance fee;
- is held unenforceable;
- is found invalid by a court of competent jurisdiction;
- is statutorily disclaimed in whole or terminally disclaimed under 37 CFR 1.321;
- has all claims canceled by a reexamination certificate;
- is reissued; or
- is in any manner terminated prior to the expiration of its full statutory term as presently shortened by any terminal disclaimer.



Terminal disclaimer fee under 37 CFR 1.20(d) included with Electronic Terminal Disclaimer request.

Applicant claims the following entity status:
Regular Undiscounted

I hereby declare that all statements made herein of my own knowledge are true and that all statemnts 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.

I certify, in accordance with 37 CFR 1.4(d)(4) that I am: An attorney or agent registered to practice before the Patent and Trademark Office who is of record in this application

Signature	Name	Registration #
/Louis J. Hoffman/	Louis Hoffman	38918

---

* Statement under 37 CFR 3.73(b) is required if terminal disclaimer is signed by the assignee (owner). Form PTO/SB/96 may be used for making this certification. See MPEP 324.

UNITED STATES
PATENT AND TRADEMARK OFFICE

P.O. Box 1450
Alexandria, VA 22313 - 1450
www.uspto.gov

ELECTRONIC PAYMENT RECEIPT

APPLICATION #	RECEIPT DATE / TIME	ATTORNEY DOCKET #
18/202,206	**02/05/2024 04:45:13 PM Z ET**	**14-TV12-CON9**

Title of Invention

TARGETED TELEVISION ADVERTISING BASED ON PROFILES LINKED TO MULITPLE ONLINE DEVICES

Application Information

APPLICATION TYPE	Utility - Nonprovisional Application under 35 USC 111(a)	PATENT #	-
CONFIRMATION #	5269	FILED BY	Louis Hoffman
PATENT CENTER #	64213469	AUTHORIZED BY	-
CUSTOMER #	26362	FILING DATE	05/25/2023
CORRESPONDENCE ADDRESS	-	FIRST NAMED INVENTOR	Mr. Roy Shkedi

Payment Information

PAYMENT METHOD	PAYMENT TRANSACTION ID	PAYMENT AUTHORIZED BY
CARD / 8494	**E202425G46407613**	**Louis Hoffman**

FEE CODE	DESCRIPTION	ITEM PRICE($)	QUANTITY	ITEM TOTAL($)
1814	STATUTORY DISCLAIMER, INCLUDING TERMINAL DISCLAIMER	170.00	1	170.00
			TOTAL AMOUNT:	**$170.00**

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

New Applications Under 35 U.S.C. 111

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

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

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

New International Application Filed with the USPTO as a Receiving Office

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

UNITED STATES
PATENT AND TRADEMARK OFFICE

P.O. Box 1450
Alexandria, VA 22313 - 1450
www.uspto.gov

ELECTRONIC ACKNOWLEDGEMENT RECEIPT

APPLICATION #	RECEIPT DATE / TIME	ATTORNEY DOCKET #
18/202,206	**02/05/2024 04:45:13 PM Z ET**	**14-TV12-CON9**

Title of Invention

TARGETED TELEVISION ADVERTISING BASED ON PROFILES LINKED TO MULITPLE ONLINE DEVICES

Application Information

APPLICATION TYPE	Utility - Nonprovisional Application under 35 USC 111(a)	PATENT #	-
CONFIRMATION #	5269	FILED BY	Louis Hoffman
PATENT CENTER #	64213469	FILING DATE	05/25/2023
CUSTOMER #	26362	FIRST NAMED INVENTOR	Mr. Roy Shkedi
CORRESPONDENCE ADDRESS	-	AUTHORIZED BY	-

Documents

TOTAL DOCUMENTS: 2

DOCUMENT	PAGES	DESCRIPTION	SIZE (KB)
petition-request.pdf	3	Terminal Disclaimer-Filed (Electronic)	44 KB
grantLetter.pdf	1	Terminal Disclaimer-Electronic-Approved	18 KB

Digest

DOCUMENT	MESSAGE DIGEST(SHA-512)
petition-request.pdf	C1971883FB7EA89C25BDB6882C440C4EE2733417E8B3A7357 B92E9D56D120D7AFC4B140FE6CEF8779258D1881D54629BC 668ECD9556DF13819002E33EB78BADC

grantLetter.pdf

10F60185A2FBA85EFA269F7CC52997B450E944C6A50C2D67C
602CE808422B63DA5E25C168877ECCF75AD8BBB56BFEDF50
DCB343DD7EBD03FB9D83FB8196712C6

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

New Applications Under 35 U.S.C. 111

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

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

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

New International Application Filed with the USPTO as a Receiving Office

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

UNITED STATES
PATENT AND TRADEMARK OFFICE

Commissioner for Patents
United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313 - 1450
www.uspto.gov

APPROVAL LETTER

APPLICATION #	FILING DATE	APPLICANT/PATENT UNDER REEXAMINATION
18/202,206	05/25/2023	Roy Shkedi

Title of Invention

TARGETED TELEVISION ADVERTISING BASED ON PROFILES LINKED TO MULITPLE ONLINE DEVICES

Electronic terminal disclaimer filed on 02/05/2024

Approved

This patent is subject to a Terminal Disclaimer

Approved / Disapproved by: Electronic Terminal Disclaimer automatically approved

UNITED STATES PATENT AND TRADEMARK OFFICE

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

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
18/202,206	05/25/2023	Roy Shkedi	14-TV12-CON9	5269

26362 7590 02/01/2024

LOUIS J. HOFFMAN, P.C.
7689 East Paradise Lane
Suite 2
Scottsdale, AZ 85260

EXAMINER	
ALCON, FERNANDO	

ART UNIT	PAPER NUMBER
2425	

NOTIFICATION DATE	DELIVERY MODE
02/01/2024	ELECTRONIC

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

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

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

Louis@valuablepatents.com
donald@valuablepatents.com
dsalavi@northwestpatent.com

Office Action Summary	**Application No.** 18/202,206	**Applicant(s)** Shkedi et al.	
	Examiner FERNANDO ALCON	**Art Unit** 2425	**AIA (FITF) 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 11/14/2023.

☐ 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) 115-148 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) 115-148 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: _____.

Notice of Pre-AIA or AIA Status

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

Double Patenting

The nonstatutory double patenting rejection is based on a judicially created doctrine grounded in public policy (a policy reflected in the statute) so as to prevent the unjustified or improper timewise extension of the "right to exclude" granted by a patent and to prevent possible harassment by multiple assignees. A nonstatutory double patenting rejection is appropriate where the conflicting claims are not identical, but at least one examined application claim is not patentably distinct from the reference claim(s) because the examined application claim is either anticipated by, or would have been obvious over, the reference claim(s). See, e.g., *In re Berg*, 140 F.3d 1428, 46 USPQ2d 1226 (Fed. Cir. 1998); *In re Goodman*, 11 F.3d 1046, 29 USPQ2d 2010 (Fed. Cir. 1993); *In re Longi*, 759 F.2d 887, 225 USPQ 645 (Fed. Cir. 1985); *In re Van Ornum*, 686 F.2d 937, 214 USPQ 761 (CCPA 1982); *In re Vogel*, 422 F.2d 438, 164 USPQ 619 (CCPA 1970); *In re Thorington*, 418 F.2d 528, 163 USPQ 644 (CCPA 1969).

A timely filed terminal disclaimer in compliance with 37 CFR 1.321(c) or 1.321(d) may be used to overcome an actual or provisional rejection based on nonstatutory double patenting provided the reference application or patent either is shown to be commonly owned with the examined application, or claims an invention made as a result of activities undertaken within the scope of a joint research agreement. See MPEP § 717.02 for applications subject to examination under the first inventor to file provisions of the AIA as explained in MPEP § 2159. See MPEP § 2146 *et seq.* for applications not subject to examination under the first inventor to

file provisions of the AIA. A terminal disclaimer must be signed in compliance with 37 CFR 1.321(b).

The filing of a terminal disclaimer by itself is not a complete reply to a nonstatutory double patenting (NSDP) rejection. A complete reply requires that the terminal disclaimer be accompanied by a reply requesting reconsideration of the prior Office action. Even where the NSDP rejection is provisional the reply must be complete. See MPEP § 804, subsection I.B.1. For a reply to a non-final Office action, see 37 CFR 1.111(a). For a reply to final Office action, see 37 CFR 1.113(c). A request for reconsideration while not provided for in 37 CFR 1.113(c) may be filed after final for consideration. See MPEP §§ 706.07(e) and 714.13.

The USPTO Internet website contains terminal disclaimer forms which may be used. Please visit www.uspto.gov/patent/patents-forms. The actual filing date of the application in which the form is filed determines what form (e.g., PTO/SB/25, PTO/SB/26, PTO/AIA/25, or PTO/AIA/26) should be used. A web-based eTerminal Disclaimer may be filled out completely online using web-screens. An eTerminal Disclaimer that meets all requirements is auto-processed and approved immediately upon submission. For more information about eTerminal Disclaimers, refer to www.uspto.gov/patents/apply/applying-online/eterminal-disclaimer.

Claims 115 and 136 rejected on the ground of nonstatutory double patenting as being unpatentable over claim 118 of U.S. Patent No. 11,368,763. Although the claims at issue are not identical, they are not patentably distinct from each other because the features claim 118 which includes the inherited features of independent claims 115 of US Patent No. 11,368,763, anticipate the features of the present claims.

Present Claims	US Patent 11,368,763

115. (New) A method implemented by a television provider (TVP) using a programmed hardware computer system, the method comprising:	115. (New) A method comprising:
(a) with the computer system automatically storing electronic indicia of an association between a first identifiable online device (OD1) and a set-top box (STB) of a subscriber of the TVP by matching (i) first personally identifiable information (PII) received by the TVP as a result of a redirection of the OD1 with	(a) with a programmed hardware computer system automatically storing first electronic indicia of an association between a first online device (OD1) and a set-top box (STB) by matching (i) first personally identifiable information (PII) about a user of the OD1, which first PII is received by the computer system from a third party, with
(ii) stored second personally identifiable information about the subscriber;	(ii) second personally identifiable information about a user of the STB; and
(b) with the computer system automatically causing a cross-device action to be taken as between a second identifiable online device (OD2) and the STB of the subscriber, based	(b) with the computer system automatically measuring effectiveness of an advertisement displayed via the STB by tracking user behavior performed on a second online

on determining an association between the OD2 and the STB, which association is determined using both	device (OD2) following delivery of the advertisement, based on an association between the OD2 and the STB, which association has been determined using both
(i) the stored electronic indicia of the association between the OD1 and the STB, and	(i) the first electronic indicia of the association between the OD1 and the STB stored pursuant to part (a), and
(ii) detection by the computer system of an association between the OD2 and the OD1 based on use by the OD1 of a common proxy IP address during a predetermined time of day and based on use by the OD2 of the common proxy IP address, wherein the common proxy IP address is an IP address through which network traffic of the OD1 and the OD2 was routed, wherein the computer system is outside a local area network (LAN) defined by the common proxy IP address.	(ii) stored second electronic indicia of an association between the OD2 and the OD1, which have been associated based on use by the OD1 of a common proxy IP address and based on use by the OD2 of the common proxy IP address, wherein the common proxy IP address is an IP address through which network traffic of the OD1 and the OD2 was routed, wherein the association between the OD1 and the OD2 has been determined by a computer system located outside a local area network (LAN) defined by the common proxy IP address.

118. (New) The method of claim 115 wherein the cross-device action is with the computer system automatically measuring effectiveness of an advertisement displayed via the STB by tracking behavior performed on OD2.	

Allowable Subject Matter

Claims 115 and 136 are indicated as allowable subject matter with respect to the prior art but are rejected with respect to double patenting doctrine as indicate above.

Claims 116-135 and 137-148 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.

The following is a statement of reasons for the indication of allowable subject matter:

The cited prior art references disclose generally profile and preference sharing between user devices and associating a device with a location based on connection to a specific access network. However, the prior art fails to disclose or fairly suggest, alone or in combination, all of the features of independent claims 115 and 136.

The closest prior art references disclose:

Rowe et al. (US 2012/0084828) discloses [0055] embodiments associating TV viewing data and web usage data on a per household/per user basis. In some embodiments by recognizing that, at any given time, most or all Internet-enabled devices in a household will access the Internet through a common router and, as a result, share a common IP address. As already described, the IP address can be static or dynamic. In the case where the IP address is dynamic and changes over time (e.g., when the IP address is assigned dynamically by an ISP using DHCP) the IP address for the household can be logged at a web server (such as the Google TV set top box 400, the log server 300, or the TV provider 102). In this way, historical TV viewing data and web usage can still be associated with a particular household/user over the corresponding period of time.

Taguchi et al. (US 2002/0144281) discloses techniques for accessing multimedia information. In specific embodiments, the identifiers comprise user definable identifiers that are stored in a first personal information store. The program code further causes the computer to forward, from a first location, a copy of the first personal information store to a server. A copy of the first personal information store is created at the server, and the copy of the first personal information store is accessed in order to retrieve the one or more of user definable identifiers for a media source of media streams to be played from a second location at a later time.

Parker et al. (US 2010/0333131) discloses a secure content sharing method for sharing content between a plurality of receiving devices. A content sharing access service may provide other information to the receiving devices in the secure content group to facilitate formation of a secure content sharing group, such as identifiers that may be used to determine a location of where shared content resides (e.g., a network address of a sharing device, etc.) as well as other information that may be used to identify receiving devices that are in the secure content sharing group, etc. Such other information may be provided to the receiving devices in various ways, such as via the satellite network, the other communication network, etc.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to FERNANDO ALCON whose telephone number is (571)270-5668. The examiner can normally be reached Monday-Friday, 9:00am-7:00pm.

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

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Brian Pendleton can be reached on (571)272-7527. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of published or unpublished applications may be obtained from Patent Center. Unpublished application information in Patent Center is available

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

FERNANDO . ALCON
Examiner
Art Unit 2425

/FERNANDO ALCON/
Primary Examiner, Art Unit 2425

Notice of References Cited	Application/Control No. 18/202,206	Applicant(s)/Patent Under Reexamination Shkedi et al.	
	Examiner FERNANDO ALCON	Art Unit 2425	Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date YYYY-MM-DD	Name	CPC Classification	US Classification
*	A	US-20110010734-A1	2011-01-13	Newell; Nicholas Brandon	H04N21/835	725/151
*	B	US-20120096491-A1	2012-04-19	Shkedi; Roy	H04N21/6175	725/35
	C					
	D					
	E					
	F					
	G					
	H					
	I					
	J					
	K					
	L					
	M					

FOREIGN PATENT DOCUMENTS

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

NON-PATENT DOCUMENTS

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

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

Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
	18/202,206	Shkedi et al.
	Examiner	Art Unit
	FERNANDO ALCON	2425

CPC - Searched*		
Symbol	Date	Examiner
H04N21/812 H04N21/25841 H04N21/25891 H04N21/2668 H04N21/4104 H04N21/4108 H04N21/4126 H04N21/42684 H04N21/435 H04N21/44222 H04N21/4524 H04N21/4532 H04N21/4882 H04N21/6125 H04N21/64322 H04N21/84	01/26/2024	FA

CPC Combination Sets - Searched*		
Symbol	Date	Examiner

US Classification - Searched*			
Class	Subclass	Date	Examiner

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

Search Notes		
Search Notes	Date	Examiner
Inventor search	01/27/2024	FA
IP.com NPL & patent search	01/27/2024	FA
PE2E SEARCH see text limited search history	01/27/2024	FA

Search Notes	Application/Control No.	Applicant(s)/Patent Under Reexamination
	18/202,206	Shkedi et al.
	Examiner	Art Unit
	FERNANDO ALCON	2425

Interference Search			
US Class/CPC Symbol	**US Subclass/CPC Group**	**Date**	**Examiner**
H04N21/812 H04N21/25841 H04N21/25891 H04N21/2668 H04N21/4104 H04N21/4108 H04N21/4126 H04N21/42684 H04N21/435 H04N21/44222 H04N21/4524 H04N21/4532 H04N21/4882 H04N21/6125 H04N21/64322 H04N21/84	text limited	01/26/2024	FA

Index of Claims	Application/Control No.	Applicant(s)/Patent Under Reexamination
	18/202,206	Shkedi et al.
	Examiner	Art Unit
	FERNANDO ALCON	2425

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

CLAIMS										
☐ Claims renumbered in the same order as presented by applicant						☐ CPA		☐ T.D.		☐ R.1.47
CLAIM		DATE								
Final	Original	01/26/2024								
	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	-								
	28	-								
	29	-								
	30	-								
	31	-								
	32	-								
	33	-								
	34	-								
	35	-								
	36	-								
	37	-								
	38	-								
	39	-								
	40	-								
	41	-								
	42	-								

Index of Claims	Application/Control No.	Applicant(s)/Patent Under Reexamination
	18/202,206	Shkedi et al.
	Examiner	**Art Unit**
	FERNANDO ALCON	2425

CLAIM		DATE								
Final	Original	01/26/2024								
	43	-								
	44	-								
	45	-								
	46	-								
	47	-								
	48	-								
	49	-								
	50	-								
	51	-								
	52	-								
	53	-								
	54	-								
	55	-								
	56	-								
	57	-								
	58	-								
	59	-								
	60	-								
	61	-								
	62	-								
	63	-								
	64	-								
	65	-								
	66	-								
	67	-								
	68	-								
	69	-								
	70	-								
	71	-								
	72	-								
	73	-								
	74	-								
	75	-								
	76	-								
	77	-								
	78	-								
	79	-								
	80	-								
	81	-								
	82	-								
	83	-								
	84	-								
	85	-								
	86	-								
	87	-								
	88	-								
	89	-								
	90	-								
	91	-								
	92	-								
	93	-								
	94	-								

Index of Claims	Application/Control No.	Applicant(s)/Patent Under Reexamination
	18/202,206	Shkedi et al.
	Examiner	**Art Unit**
	FERNANDO ALCON	2425

CLAIM		DATE								
Final	Original	01/26/2024								
	95	-								
	96	-								
	97	-								
	98	-								
	99	-								
	100	-								
	101	-								
	102	-								
	103	-								
	104	-								
	105	-								
	106	-								
	107	-								
	108	-								
	109	-								
	110	-								
	111	-								
	112	-								
	113	-								
	114	-								
	115	✓								
	116	✓								
	117	✓								
	118	✓								
	119	✓								
	120	✓								
	121	✓								
	122	✓								
	123	✓								
	124	✓								
	125	✓								
	126	✓								
	127	✓								
	128	✓								
	129	✓								
	130	✓								
	131	✓								
	132	✓								
	133	✓								
	134	✓								
	135	✓								
	136	✓								
	137	✓								
	138	✓								
	139	✓								
	140	✓								
	141	✓								
	142	✓								
	143	✓								
	144	✓								
	145	✓								
	146	✓								

Index of Claims	Application/Control No.	Applicant(s)/Patent Under Reexamination
	18/202,206	Shkedi et al.
	Examiner	**Art Unit**
	FERNANDO ALCON	2425

CLAIM		DATE								
Final	Original	01/26/2024								
	147	✓								
	148	✓								

PE2E SEARCH - Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	British Equivalents	Time Stamp
L1	74	((ROY) near2 (SHKEDI)).INV.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2013/10/10 05:51 PM
L2	0	("20100325659.pn.").PN.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2013/10/10 05:53 PM
L3	0	("20100325659.pn.").PN.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2013/10/10 05:53 PM
L4	0	("7861260.pn.").PN.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2013/10/10 05:54 PM
L5	2	("20100325659").PN.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2013/10/10 05:56 PM
L6	2	("7861260").PN.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2013/10/10 06:01 PM
L7	108	("20020013943" | "20020032603" | "20020059602" | "20020078444" | "20020082910" | "20020104086" | "20020120933" | "20020120935" | "20020123928" | "20020124249" | "20020124253" | "20020129368" | "20020194058" | "20020194604" | "20030051242" | "20030066078" | "20030126597" | "20030135853" | "20030145323" | "20030149975" | "20030187949" | "20030208756" | "20030208758" | "20030226141" | "20040003406" | "20040010546" | "20040073915" | "20040078809" |	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2013/10/10 06:10 PM

		"20040107437" | "20040117827" | "20040123314" | "20040163101" | "20040172650" | "20050076393" | "20050086112" | "20050165638" | "20050165644" | "20050177420" | "20060116924" | "20060253323" | "20060271953" | "20070100690" | "20070233571" | "20070244750" | "20070266403" | "20070294721" | "20080016540" | "20080040742" | "20080243822" | "20080313194" | "20090049468" | "20090094119" | "20090172723" | "20090300675" | "5105184" | "5809242" | "5848396" | "5855008" | "5933811" | "5948061" | "5978013" | "6026368" | "6055573" | "6073241" | "6157946" | "6160989" | "6189008" | "6216129" | "6366298" | "6385592" | "6446261" | "6463533" | "6490587" | "6718551" | "6771290" | "6832207" | "6845396" | "6847992" | "6925440" | "6973436" | "7013290" | "7051351" | "7072853" | "7092926" | "7100183" | "7152237" | "7188085" | "7260823").PN. OR ("7861260").URPN.					
L8	2	725/14-21.ccls. and 725/32,34-36.ccls. and 725/62.ccls.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2013/10/10 06:38 PM
L9	17586	(stb stt receiver set$top) with (proximate proximity (shar$4 near locat$4))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2013/10/10 06:41 PM
L10	9831	(stb stt receiver set$top) near5 (proximate proximity (shar$4 near locat$4))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2013/10/10 06:41 PM

L11	280	L10 and "725".clas.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2013/10/10 06:41 PM
L12	466	(stb stt receiver set$top) with (offline)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2013/10/16 03:14 PM
L13	35	L12 and "725".clas.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2013/10/16 03:15 PM
L14	1	"20060123080".pn.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2013/10/16 03:49 PM
L15	1	"20060123081" .pn.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2013/10/16 03:50 PM
L16	1	"20060205354".pn.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2013/10/16 03:50 PM
L17	1	"20070118661".pn.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2013/10/16 03:50 PM
L18	1	"20120149309".pn.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2013/10/16 03:51 PM
L19	25	"725".clas. and (proxim$4).ti.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2013/10/16 03:53 PM
L20	0	"725".clas. and profile near5 devices near5 proximity	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2013/10/16 03:54 PM
L21	0	"725".clas. and (profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2013/10/16 03:54 PM
L22	0	"725".clas. and (profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2013/10/16 03:54 PM
L23	54	(profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2013/10/16 03:54 PM
L24	39	alcon.xa.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2013/10/16 05:04 PM
L25	215	"725".clas. and (proxim$4).ab.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2013/10/16 05:06 PM
L26	0	(L14 L15 L16 L17 L18) and (offline disconnet$4)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2013/10/16 05:09 PM
L27	5	(L14 L15 L16 L17 L18)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2013/10/16 05:10 PM
L28	151	("20020124249"|"20040078809"|"20050165638"|"20070266403"|"20090049468"|"20090300675"|"20100175078"|"6868392"|"7072853"|"7100183"|"7152237"|"7490135"|"7634785"|"7979307"|"20050187823"|"20080118063"|"20010003184"|"20020013943"|"20	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2013/10/16 06:20 PM

		020032603"|"20050246 736"|"20070198532"|"2 0090037949"|"5948061 "|"6366298"|"6771290"|" 8244574"|"8244582"|"2 0070038516"|"2009020 4706"|"20090217324"|" 20030149975"|"200401 07437"|"20050165643"| "20080281699"|"20100 076848"|"20110099576 "|"20120096489"|"5933 811"|"6385592"|"67185 51"|"6832207"|"709292 6"|"7818206"|"7987491" |"8132202"|"200200829 10"|"20020129362"|"20 020194058"|"20020194 604"|"20040172650"|"2 0050165644"|"2005028 3796"|"20070220553"|" 20080109843"|"200802 44076"|"20090007171"| "20090049469"|"20110 035256"|"20120096491 "|"5855008"|"6216129"|" 6377986"|"6536041"|"7 260823"|"7328450"|"77 47745"|"7856372"|"792 5549"|"8015286"|"8086 491"|"8108895"|"82049 65"|"8244583"|"200801 09376"|"20020078444"| "20030051242"|"20030 208758"|"20040117827 "|"20050125290"|"2006 0248570"|"2007010069 0"|"20070180469"|"200 90172728"|"201003256 59"|"20110167043"|"64 46261"|"7428493"|"781 8763"|"7890609"|"7899 915"|"8024454"|"82392 64"|"20080189360"|"20 080222283"|"20090171 780"|"20020123928"|"2 0030066078"|"2003009 3792"|"20050086112"|" 20050108776"|"201000 58383"|"5848396"|"616 0989"|"6973436"|"7822 639"|"7840689"|"82008 22"|"8204783"|"824458 6"|"20070073585"|"200 80255944"|"200901061 00"|"20110258049"|"20 060271953"|"20070089 127"|"20070208619"|"2					

		0070266400"|"20070283384"|"20070294721"|"20080040742"|"20090172723"|"20090199230"|"6684194"|"6925440"|"7370342"|"7822637"|"7856373"|"7861260"|"7937383"|"20020124253"|"20060253323"|"20080275785"|"20120023522"|"6845396"|"7039935"|"7051351"|"7328448"|"7370073"|"7454364"|"7636672"|"7739140"|"7844985"|"7900229"|"7941817"|"8024765"|"8051444"|"8132208"|"8150732"|"8166501"|"8213426"|"8239886").PN.					
L29	20	725/14.ccls. and 725/74,78-85.ccls.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2013/10/16 06:23 PM
L30	229	(location adj (ID identifier)) and "725".clas.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2013/10/16 06:27 PM
L31	6	(proxy adj location) and "725".clas.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2013/10/16 06:30 PM
L32	107	(shar$4 near2 location) and "725".clas.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2013/10/16 06:47 PM
L37	6	(proxy NEAR2 location).CLM. and "725".clas.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2013/10/22 08:36 PM
L38	1	725/14-21.ccls.and (profile WITH proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2013/10/22 09:16 PM
L39	14	725/32,34-36.ccls. and (profile WITH proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2013/10/22 09:16 PM
L40	29	725/32,34-36.ccls. and (profile WITH proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2015/09/17 03:19 PM
L41	104	((ROY) near2 (SHKEDI)).INV.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2015/09/17 03:20 PM
L42	29	725/32,34-36.ccls. and (profile WITH proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2015/09/17 04:23 PM
L43	29	725/32,34-36.ccls. and (profile WITH proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2015/09/17 04:23 PM
L44	11	(proxy NEAR2 location).CLM. and "725".clas.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2015/09/17 04:23 PM

L45	96	(profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2015/09/17 04:24 PM
L46	102	(profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2015/11/24 06:58 PM
L47	31	725/32,34-36.ccls. and (profile WITH proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2015/11/24 06:58 PM
L48	223	H04N21/$.cpc. and (profile WITH proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2015/11/24 06:58 PM
L49	245	H04N21/$.cpc. and (profile WITH proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2016/05/24 03:56 PM
L50	32	725/32,34-36.ccls. and (profile WITH proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2016/05/24 03:56 PM
L51	120	(profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2016/05/24 03:56 PM
L52	120	(profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2016/05/24 03:56 PM
L53	32	725/32,34-36.ccls. and (profile WITH proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2016/05/24 03:56 PM
L54	1	"8683502".pn.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2016/05/24 04:04 PM
L55	1	"9078035".pn.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2016/05/24 04:05 PM
L56	35	H04N21/4108$.cpc. and ((common shar$4) with (ip address))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2016/10/15 10:09 AM
L58	971	H04N21/41$.cpc. and ((common shar$4) near10 (ip address))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2016/10/15 10:54 AM
L59	93	H04N21/4524$.cpc. and ((common shar$4) near10 (ip address))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2016/10/15 10:58 AM
L61	129	((ROY) near2 (SHKEDI)).INV.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2018/04/12 06:02 PM
L62	48799	H04N21/812.cpc. H04N21/25841.cpc. H04N21/25891.cpc. H04N21/2668.cpc. H04N21/4104.cpc. H04N21/4108.cpc. H04N21/4126.cpc. H04N21/42684.cpc. H04N21/435.cpc. H04N21/44222.cpc. H04N21/4524.cpc. H04N21/4532.cpc.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2018/04/12 06:09 PM

		H04N21/4882.cpc. H04N21/6125.cpc. H04N21/64322.cpc. H04N21/84.cpc.					
L63	3006	(L62) and ((common shar$4) with (ip address))	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2018/04/12 06:27 PM
L64	2205	(L62) and ((common shar$4) near10 (ip address))	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2018/04/12 06:40 PM
L67	11	"20130094830".pn. "20130219417".pn. "20120163770".pn. "20110246908".pn. "20090271821".pn.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2018/12/28 12:42 PM
L68	137	((ROY) near2 (SHKEDI)).INV.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2018/12/28 04:51 PM
L69	124	H04N21/4524$.cpc. and ((common shar$4) near10 (ip address))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2018/12/28 04:51 PM
L70	11	"20130094830".pn. "20130219417".pn. "20120163770".pn. "20110246908".pn. "20090271821".pn.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2018/12/28 04:51 PM
L71	46	H04N21/4108$.cpc. and ((common shar$4) with (ip address))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2018/12/28 04:51 PM
L72	187	(profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2018/12/28 04:52 PM
L73	187	(profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2018/12/28 04:52 PM
L74	5059	H04N21/$.cpc. and (((common shar$4) near10 (ip address)))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2018/12/28 04:52 PM
L77	515	H04N21/$.cpc. and ((profil$4 preferenc$$) with (proxim$4 nearby adjacen$4 vicinity)) with (associat$4 correlat$4 link$4)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/04/22 11:14 AM
L78	396	H04N21/$.cpc. and ((profil$4) with (proxim$4 nearby adjacen$4 vicinity)) with (associat$4 correlat$4 link$4)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/04/22 11:17 AM
L79	189	H04N21/$.cpc. and	(US-PGPUB; USPAT;	OR	ON	ON	2020/04/22

		((preferenc$$) with (proxim$4 nearby adjacen$4 vicinity)) with (associat$4 correlat$4 link$4)	USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)				11:18 AM
L80	211	(profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2020/04/22 01:49 PM
L88	206	H04N21/$.cpc. and ((preferenc$$) with (proxim$4 nearby adjacen$4 vicinity)) with (associat$4 correlat$4 link$4)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/03/11 08:34 AM
L89	230	(profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2021/03/11 08:34 AM
L90	444	H04N21/$.cpc. and ((profil$4) with (proxim$4 nearby adjacen$4 vicinity)) with (associat$4 correlat$4 link$4)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/03/11 08:34 AM
L91	444	H04N21/$.cpc. and ((profil$4) with (proxim$4 nearby adjacen$4 vicinity)) with (associat$4 correlat$4 link$4)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/03/11 08:34 AM
L92	54	H04N21/4108$.cpc. and ((common shar$4) with (ip address))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2021/03/11 08:34 AM
L93	5731	H04N21/$.cpc. and ((common shar$4) near10 (ip address))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2021/03/11 12:54 PM
L94	5731	H04N21/$.cpc. and ((common shar$4) near10 (ip address))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2021/03/11 01:01 PM
L95	22312	(stb stt receiver set$top) near5 (proximate proximity (shar$4 near locat$4))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2021/03/11 01:48 PM
L96	961	L95 and H04N21/$.cpc.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2021/03/11 01:48 PM
L97	1303	H04N21/$.cpc. and (proxim$4).ab.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2021/03/11 01:48 PM
L98	54	H04N21/4108$.cpc. and ((common shar$4) with (ip address))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2021/03/11 01:50 PM
L99	1390	H04N21/41$.cpc. and ((common shar$4)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2021/03/11 01:50 PM

		near10 (ip address))					
L100	161	((("SHKEDI") near3 ("Roy")) OR (("BEN-YISHAI") near3 ("Dror"))).INV.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	OFF	OFF	2021/03/11 02:29 PM
L101	74	((ROY) near2 (SHKEDI)).INV.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2013/10/10 05:51 PM
L102	0	("20100325659.pn.").PN.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2013/10/10 05:53 PM
L103	0	("20100325659.pn.").PN.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2013/10/10 05:53 PM
L104	0	("7861260.pn.").PN.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2013/10/10 05:54 PM
L105	2	("20100325659").PN.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2013/10/10 05:56 PM
L106	2	("7861260").PN.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2013/10/10 06:01 PM
L107	108	("20020013943" | "20020032603" | "20020059602" | "20020078444" | "20020082910" | "20020104086" | "20020120933" | "20020120935" | "20020123928" | "20020124249" | "20020124253" | "20020129368" | "20020194058" | "20020194604" | "20030051242" | "20030066078" | "20030126597" | "20030135853" | "20030145323" | "20030149975" | "20030187949" | "20030208756" | "20030208758" | "20030226141" | "20040003406" | "20040010546" | "20040073915" | "20040078809" |	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2013/10/10 06:10 PM

		"20040107437" | "20040117827" | "20040123314" | "20040163101" | "20040172650" | "20050076393" | "20050086112" | "20050165638" | "20050165644" | "20050177420" | "20060116924" | "20060253323" | "20060271953" | "20070100690" | "20070233571" | "20070244750" | "20070266403" | "20070294721" | "20080016540" | "20080040742" | "20080243822" | "20080313194" | "20090049468" | "20090094119" | "20090172723" | "20090300675" | "5105184" | "5809242" | "5848396" | "5855008" | "5933811" | "5948061" | "5978013" | "6026368" | "6055573" | "6073241" | "6157946" | "6160989" | "6189008" | "6216129" | "6366298" | "6385592" | "6446261" | "6463533" | "6490587" | "6718551" | "6771290" | "6832207" | "6845396" | "6847992" | "6925440" | "6973436" | "7013290" | "7051351" | "7072853" | "7092926" | "7100183" | "7152237" | "7188085" | "7260823").PN. OR ("7861260").URPN.					
L108	2	725/14-21.ccls. and 725/32,34-36.ccls. and 725/62.ccls.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2013/10/10 06:38 PM
L109	17586	(stb stt receiver set$top) with (proximate proximity (shar$4 near locat$4))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2013/10/10 06:41 PM
L110	9831	(stb stt receiver set$top) near5 (proximate proximity (shar$4 near locat$4))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2013/10/10 06:41 PM

L111	280	L110 and "725".clas.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2013/10/10 06:41 PM
L112	466	(stb stt receiver set$top) with (offline)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2013/10/16 03:14 PM
L113	35	L112 and "725".clas.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2013/10/16 03:15 PM
L114	1	"20060123080".pn.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2013/10/16 03:49 PM
L115	1	"20060123081" .pn.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2013/10/16 03:50 PM
L116	1	"20060205354".pn.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2013/10/16 03:50 PM
L117	1	"20070118661".pn.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2013/10/16 03:50 PM
L118	1	"20120149309".pn.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2013/10/16 03:51 PM
L119	25	"725".clas. and (proxim$4).ti.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2013/10/16 03:53 PM
L120	0	"725".clas. and profile near5 devices near5 proximity	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2013/10/16 03:54 PM
L121	0	"725".clas. and (profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2013/10/16 03:54 PM
L122	0	"725".clas. and (profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2013/10/16 03:54 PM
L123	54	(profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2013/10/16 03:54 PM
L124	39	alcon.xa.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2013/10/16 05:04 PM
L125	215	"725".clas. and (proxim$4).ab.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2013/10/16 05:06 PM
L126	0	(L114 L115 L116 L117 L118) and (offline disconnet$4)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2013/10/16 05:09 PM
L127	5	(L114 L115 L116 L117 L118)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2013/10/16 05:10 PM
L128	151	("20020124249"|"20040078809"|"20050165638"|"20070266403"|"20090049468"|"20090300675"|"20100175078"|"6868392"|"7072853"|"7100183"|"7152237"|"7490135"|"7634785"|"7979307"|"20050187823"|"20080118063"|"20010003184"|"20020013943"|"20	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2013/10/16 06:20 PM

		020032603"|"20050246 736"|"20070198532"|"2 0090037949"|"5948061 "|"6366298"|"6771290"|" 8244574"|"8244582"|"2 0070038516"|"2009020 4706"|"20090217324"|" 20030149975"|"200401 07437"|"20050165643"| "20080281699"|"20100 076848"|"20110099576 "|"20120096489"|"5933 811"|"6385592"|"67185 51"|"6832207"|"709292 6"|"7818206"|"7987491" |"8132202"|"200200829 10"|"20020129362"|"20 020194058"|"20020194 604"|"20040172650"|"2 0050165644"|"2005028 3796"|"20070220553"|" 20080109843"|"200802 44076"|"20090007171"| "20090049469"|"20110 035256"|"20120096491 "|"5855008"|"6216129"|" 6377986"|"6536041"|"7 260823"|"7328450"|"77 47745"|"7856372"|"792 5549"|"8015286"|"8086 491"|"8108895"|"82049 65"|"8244583"|"200801 09376"|"20020078444"| "20030051242"|"20030 208758"|"20040117827 "|"20050125290"|"2006 0248570"|"2007010069 0"|"20070180469"|"200 90172728"|"201003256 59"|"20110167043"|"64 46261"|"7428493"|"781 8763"|"7890609"|"7899 915"|"8024454"|"82392 64"|"20080189360"|"20 080222283"|"20090171 780"|"20020123928"|"2 0030066078"|"2003009 3792"|"20050086112"|" 20050108776"|"201000 58383"|"5848396"|"616 0989"|"6973436"|"7822 639"|"7840689"|"82008 22"|"8204783"|"824458 6"|"20070073585"|"200 80255944"|"200901061 00"|"20110258049"|"20 060271953"|"20070089 127"|"20070208619"|"2					

		0070266400"|"20070283384"|"20070294721"|"20080040742"|"20090172723"|"20090199230"|"6684194"|"6925440"|"7370342"|"7822637"|"7856373"|"7861260"|"7937383"|"20020124253"|"20060253323"|"20080275785"|"20120023522"|"6845396"|"7039935"|"7051351"|"7328448"|"7370073"|"7454364"|"7636672"|"7739140"|"7844985"|"7900229"|"7941817"|"8024765"|"8051444"|"8132208"|"8150732"|"8166501"|"8213426"|"8239886").PN.					
L129	20	725/14.ccls. and 725/74,78-85.ccls.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2013/10/16 06:23 PM
L130	229	(location adj (ID identifier)) and "725".clas.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2013/10/16 06:27 PM
L131	6	(proxy adj location) and "725".clas.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2013/10/16 06:30 PM
L132	107	(shar$4 near2 location) and "725".clas.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2013/10/16 06:47 PM
L133	6	(proxy NEAR2 location).CLM. and "725".clas.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2013/10/22 08:36 PM
L134	1	725/14-21.ccls.and (profile WITH proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2013/10/22 09:16 PM
L135	14	725/32,34-36.ccls. and (profile WITH proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2013/10/22 09:16 PM
L136	29	725/32,34-36.ccls. and (profile WITH proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2015/09/17 03:19 PM
L137	104	((ROY) near2 (SHKEDI)).INV.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2015/09/17 03:20 PM
L138	29	725/32,34-36.ccls. and (profile WITH proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2015/09/17 04:23 PM
L139	29	725/32,34-36.ccls. and (profile WITH proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2015/09/17 04:23 PM
L140	11	(proxy NEAR2 location).CLM. and "725".clas.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2015/09/17 04:23 PM

L141	96	(profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2015/09/17 04:24 PM
L142	102	(profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2015/11/24 06:58 PM
L143	31	725/32,34-36.ccls. and (profile WITH proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2015/11/24 06:58 PM
L144	223	H04N21/$.cpc. and (profile WITH proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2015/11/24 06:58 PM
L145	245	H04N21/$.cpc. and (profile WITH proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2016/05/24 03:56 PM
L146	32	725/32,34-36.ccls. and (profile WITH proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2016/05/24 03:56 PM
L147	120	(profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2016/05/24 03:56 PM
L148	120	(profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2016/05/24 03:56 PM
L149	32	725/32,34-36.ccls. and (profile WITH proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2016/05/24 03:56 PM
L150	1	"8683502".pn.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2016/05/24 04:04 PM
L151	1	"9078035".pn.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2016/05/24 04:05 PM
L152	35	H04N21/4108$.cpc. and ((common shar$4) with (ip address))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2016/10/15 10:09 AM
L153	971	H04N21/41$.cpc. and ((common shar$4) near10 (ip address))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2016/10/15 10:54 AM
L154	93	H04N21/4524$.cpc. and ((common shar$4) near10 (ip address))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2016/10/15 10:58 AM
L155	129	((ROY) near2 (SHKEDI)).INV.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2018/04/12 06:02 PM
L156	48799	H04N21/812.cpc. H04N21/25841.cpc. H04N21/25891.cpc. H04N21/2668.cpc. H04N21/4104.cpc. H04N21/4108.cpc. H04N21/4126.cpc. H04N21/42684.cpc. H04N21/435.cpc. H04N21/44222.cpc. H04N21/4524.cpc. H04N21/4532.cpc.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2018/04/12 06:09 PM

		H04N21/4882.cpc. H04N21/6125.cpc. H04N21/64322.cpc. H04N21/84.cpc.					
L157	3006	(L162) and ((common shar$4) with (ip address))	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2018/04/12 06:27 PM
L158	2205	(L162) and ((common shar$4) near10 (ip address))	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2018/04/12 06:40 PM
L159	11	"20130094830".pn. "20130219417".pn. "20120163770".pn. "20110246908".pn. "20090271821".pn.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2018/12/28 12:42 PM
L160	137	((ROY) near2 (SHKEDI)).INV.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2018/12/28 04:51 PM
L161	124	H04N21/4524$.cpc. and ((common shar$4) near10 (ip address))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2018/12/28 04:51 PM
L162	11	"20130094830".pn. "20130219417".pn. "20120163770".pn. "20110246908".pn. "20090271821".pn.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2018/12/28 04:51 PM
L163	46	H04N21/4108$.cpc. and ((common shar$4) with (ip address))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2018/12/28 04:51 PM
L164	187	(profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2018/12/28 04:52 PM
L165	187	(profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2018/12/28 04:52 PM
L166	5059	H04N21/$.cpc. and (((common shar$4) near10 (ip address)))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2018/12/28 04:52 PM
L167	515	H04N21/$.cpc. and ((profil$4 preferenc$$) with (proxim$4 nearby adjacen$4 vicinity)) with (associat$4 correlat$4 link$4)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/04/22 11:14 AM
L168	396	H04N21/$.cpc. and ((profil$4) with (proxim$4 nearby adjacen$4 vicinity)) with (associat$4 correlat$4 link$4)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2020/04/22 11:17 AM
L169	189	H04N21/$.cpc. and	(US-PGPUB; USPAT;	OR	ON	ON	2020/04/22

		((preferenc$$) with (proxim$4 nearby adjacen$4 vicinity)) with (associat$4 correlat$4 link$4)	USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)				11:18 AM
L170	211	(profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2020/04/22 01:49 PM
L171	206	H04N21/$.cpc. and ((preferenc$$) with (proxim$4 nearby adjacen$4 vicinity)) with (associat$4 correlat$4 link$4)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/03/11 08:34 AM
L172	230	(profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2021/03/11 08:34 AM
L173	444	H04N21/$.cpc. and ((profil$4) with (proxim$4 nearby adjacen$4 vicinity)) with (associat$4 correlat$4 link$4)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/03/11 08:34 AM
L174	444	H04N21/$.cpc. and ((profil$4) with (proxim$4 nearby adjacen$4 vicinity)) with (associat$4 correlat$4 link$4)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2021/03/11 08:34 AM
L175	54	H04N21/4108$.cpc. and ((common shar$4) with (ip address))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2021/03/11 08:34 AM
L176	5731	H04N21/$.cpc. and ((common shar$4) near10 (ip address))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2021/03/11 12:54 PM
L177	5731	H04N21/$.cpc. and ((common shar$4) near10 (ip address))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2021/03/11 01:01 PM
L178	22312	(stb stt receiver set$top) near5 (proximate proximity (shar$4 near locat$4))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2021/03/11 01:48 PM
L179	961	L195 and H04N21/$.cpc.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2021/03/11 01:48 PM
L180	1303	H04N21/$.cpc. and (proxim$4).ab.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2021/03/11 01:48 PM
L181	54	H04N21/4108$.cpc. and ((common shar$4) with (ip address))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2021/03/11 01:50 PM
L182	1390	H04N21/41$.cpc. and ((common shar$4)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2021/03/11 01:50 PM

		near10 (ip address))					
L183	161	((("SHKEDI") near3 ("Roy")) OR (("BEN-YISHAI") near3 ("Dror"))).INV.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	OFF	OFF	2021/03/11 02:29 PM
L184	45	("20020056088"|"20040068744"|"20050055713"|"20060123080"|"20060123081"|"20060205354"|"20070118661"|"20080195664"|"20080300985"|"20090044246"|"20100325659"|"20120149309"|"5809242"|"7486648").PN.	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/01/19 01:09 PM
L185	530	("20020124249"|"20030093792"|"20040117827"|"20050108776"|"20060248570"|"20070220553"|"20080109843"|"20080244076"|"20090199230"|"20100058383"|"20120096491"|"5855008"|"6216129"|"6366298"|"6684194"|"7260823"|"7328450"|"7490135"|"7890609"|"7925549"|"20040068744"|"20050055713"|"20100325659"|"20120149309"|"20020166119"|"20020013943"|"20020078444"|"20020123928"|"20040172650"|"20100076848"|"20120023522"|"5933811"|"7051351"|"7152237"|"7370073"|"7428493"|"7739140"|"7900229"|"7979307"|"8086491"|"8239886"|"20070073585"|"20090204706"|"20020082910"|"20030051242"|"20040107437"|"20050246736"|"20070100690"|"20070266403"|"20090049468"|"20090172728"|"20090300675"|"20110099576"|"20110167043"|"6377986"|"6832207"|"6868392"|"7092926"|"7328448"|"7634785"|"77477	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/01/19 01:15 PM

		45"|"7822639"|"784068 9"|"7899915"|"8015286" |"8024765"|"8132202"|" 8150732"|"8239264"|"2 0090217324"|"2008030 0985"|"20010003184"|" 20020194058"|"200201 94604"|"20030066078"| "20030208758"|"20070 198532"|"20070266400 "|"20070283384"|"2008 0281699"|"2009000717 1"|"20090049469"|"638 5592"|"6446261"|"7072 853"|"20080189360"|"2 0060123081"|"2006025 3323"|"20070089127"|" 20070180469"|"200901 72723"|"5948061"|"692 5440"|"6718551"|"7370 342"|"7822637"|"78449 85"|"7987491"|"813220 8"|"8200822"|"8204783" |"8204965"|"8213426"|" 8244586"|"2005018782 3"|"20110258049"|"200 70118661"|"8522271"|" 20020032603"|"200201 24253"|"20050086112"| "20050125290"|"20050 165638"|"20050165644 "|"20080040742"|"2010 0175078"|"2010032565 9"|"20110035256"|"616 0989"|"6536041"|"6973 436"|"6845396"|"78187 63"|"7941817"|"816650 1"|"8244574"|"8244582" |"20080255944"|"20080 118063"|"20020056088 "|"20020129362"|"2003 0149975"|"2005016564 3"|"20050283796"|"200 80275785"|"201200964 89"|"5848396"|"677129 0"|"7100183"|"7636672" |"7818206"|"8244583"|" 20070038516"|"200802 22283"|"20090106100"| "20060205354"|"20090 044246"|"7486648"|"20 040078809"|"20060271 953"|"20070208619"|"2 0070294721"|"2009003 7949"|"7039935"|"7454 364"|"7856372"|"78563 73"|"7861260"|"793738 3"|"8024454"|"8051444"					

		|"8108895"|"20090171780"|"20080109376"|"20060123080"|"5809242").PN.					
L186	166	((ROY) near2 (SHKEDI)).INV.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:40 PM
L187	0	("20100325659.pn.").PN.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/01/19 01:40 PM
L188	0	("20100325659.pn.").PN.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:40 PM
L189	0	("7861260.pn.").PN.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/01/19 01:40 PM
L190	2	("20100325659").PN.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/01/19 01:40 PM
L191	2	("7861260").PN.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/01/19 01:40 PM
L192	246	("20020013943" | "20020032603" | "20020059602" | "20020078444" | "20020082910" | "20020104086" | "20020120933" | "20020120935" | "20020123928" | "20020124249" | "20020124253" | "20020129368" | "20020194058" | "20020194604" | "20030051242" | "20030066078" | "20030126597" | "20030135853" | "20030145323" | "20030149975" | "20030187949" | "20030208756" | "20030208758" | "20030226141" | "20040003406" | "20040010546" | "20040073915" | "20040078809" | "20040107437" |	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:40 PM

		"20040117827" | "20040123314" | "20040163101" | "20040172650" | "20050076393" | "20050086112" | "20050165638" | "20050165644" | "20050177420" | "20060116924" | "20060253323" | "20060271953" | "20070100690" | "20070233571" | "20070244750" | "20070266403" | "20070294721" | "20080016540" | "20080040742" | "20080243822" | "20080313194" | "20090049468" | "20090094119" | "20090172723" | "20090300675" | "5105184" | "5809242" | "5848396" | "5855008" | "5933811" | "5948061" | "5978013" | "6026368" | "6055573" | "6073241" | "6157946" | "6160989" | "6189008" | "6216129" | "6366298" | "6385592" | "6446261" | "6463533" | "6490587" | "6718551" | "6771290" | "6832207" | "6845396" | "6847992" | "6925440" | "6973436" | "7013290" | "7051351" | "7072853" | "7092926" | "7100183" | "7152237" | "7188085" | "7260823").PN. OR ("7861260").URPN.					
L193	4	725/14-21.ccls. and 725/32,34-36.ccls. and 725/62.ccls.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:40 PM
L194	43347	(stb stt receiver set$top) with (proximate proximity (shar$4 near locat$4))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:40 PM
L195	22870	(stb stt receiver set$top) near5 (proximate proximity (shar$4 near locat$4))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:40 PM
L196	372	L110 and "725".clas.	(US-PGPUB; USPAT;	OR	OFF	OFF	2022/01/19

			USOCR)				01:40 PM
L197	1538	(stb stt receiver set$top) with (offline)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:40 PM
L198	65	L112 and "725".clas.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:40 PM
L199	1	"20060123080".pn.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:40 PM
L200	1	"20060123081" .pn.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:40 PM
L201	1	"20060205354".pn.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:40 PM
L202	1	"20070118661".pn.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:40 PM
L203	1	"20120149309".pn.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:40 PM
L204	35	"725".clas. and (proxim$4).ti.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:40 PM
L205	0	"725".clas. and profile near5 devices near5 proximity	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:40 PM
L206	0	"725".clas. and (profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:40 PM
L207	0	"725".clas. and (profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:40 PM
L208	222	(profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:40 PM
L209	51	alcon.xa.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:40 PM
L210	324	"725".clas. and (proxim$4).ab.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:40 PM
L211	0	(L114 L115 L116 L117 L118) and (offline disconnet$4)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:40 PM
L212	5	(L114 L115 L116 L117 L118)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:40 PM
L213	151	("20020124249"|"20040078809"|"20050165638"|"20070266403"|"20090049468"|"20090300675"|"20100175078"|"6868392"|"7072853"|"7100183"|"7152237"|"7490135"|"7634785"|"7979307"|"20050187823"|"20080118063"|"20010003184"|"20020013943"|"20020032603"|"20050246	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:40 PM

		736"|"20070198532"|"2 0090037949"|"5948061 "|"6366298"|"6771290"|" 8244574"|"8244582"|"2 0070038516"|"2009020 4706"|"20090217324"|" 20030149975"|"200401 07437"|"20050165643"| "20080281699"|"20100 076848"|"20110099576 "|"20120096489"|"5933 811"|"6385592"|"67185 51"|"6832207"|"709292 6"|"7818206"|"7987491" |"8132202"|"200200829 10"|"20020129362"|"20 020194058"|"20020194 604"|"20040172650"|"2 0050165644"|"2005028 3796"|"20070220553"|" 20080109843"|"200802 44076"|"20090007171"| "20090049469"|"20110 035256"|"20120096491 "|"5855008"|"6216129"|" 6377986"|"6536041"|"7 260823"|"7328450"|"77 47745"|"7856372"|"792 5549"|"8015286"|"8086 491"|"8108895"|"82049 65"|"8244583"|"200801 09376"|"20020078444"| "20030051242"|"20030 208758"|"20040117827 "|"20050125290"|"2006 0248570"|"2007010069 0"|"20070180469"|"200 90172728"|"201003256 59"|"20110167043"|"64 46261"|"7428493"|"781 8763"|"7890609"|"7899 915"|"8024454"|"82392 64"|"20080189360"|"20 080222283"|"20090171 780"|"20020123928"|"2 0030066078"|"2003009 3792"|"20050086112"|" 20050108776"|"201000 58383"|"5848396"|"616 0989"|"6973436"|"7822 639"|"7840689"|"82008 22"|"8204783"|"824458 6"|"20070073585"|"200 80255944"|"200901061 00"|"20110258049"|"20 060271953"|"20070089 127"|"20070208619"|"2 0070266400"|"2007028					

		3384"|"20070294721"|"20080040742"|"20090172723"|"20090199230"|"6684194"|"6925440"|"7370342"|"7822637"|"7856373"|"7861260"|"7937383"|"20020124253"|"20060253323"|"20080275785"|"20120023522"|"6845396"|"7039935"|"7051351"|"7328448"|"7370073"|"7454364"|"7636672"|"7739140"|"7844985"|"7900229"|"7941817"|"8024765"|"8051444"|"8132208"|"8150732"|"8166501"|"8213426"|"8239886").PN.				
L214	30	725/14.ccls. and 725/74,78-85.ccls.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:40 PM
L215	339	(location adj (ID identifier)) and "725".clas.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:40 PM
L216	16	(proxy adj location) and "725".clas.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:40 PM
L217	159	(shar$4 near2 location) and "725".clas.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:40 PM
L218	14	(proxy NEAR2 location).CLM. and "725".clas.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:40 PM
L219	14828	725/14-21.ccls.and (profile WITH proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:40 PM
L220	31	725/32,34-36.ccls. and (profile WITH proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:40 PM
L221	31	725/32,34-36.ccls. and (profile WITH proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:40 PM
L222	166	((ROY) near2 (SHKEDI)).INV.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:40 PM
L223	31	725/32,34-36.ccls. and (profile WITH proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:40 PM
L224	31	725/32,34-36.ccls. and (profile WITH proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:40 PM
L225	14	(proxy NEAR2 location).CLM. and "725".clas.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:40 PM
L226	222	(profile near5 devices	(US-PGPUB; USPAT;	OR	OFF	OFF	2022/01/19

		near5 proximity)	USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)				01:40 PM
L227	222	(profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:40 PM
L228	31	725/32,34-36.ccls. and (profile WITH proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:40 PM
L229	543	H04N21/$.cpc. and (profile WITH proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:40 PM
L230	543	H04N21/$.cpc. and (profile WITH proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:40 PM
L231	31	725/32,34-36.ccls. and (profile WITH proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:40 PM
L232	222	(profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:40 PM
L233	222	(profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:40 PM
L234	31	725/32,34-36.ccls. and (profile WITH proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:40 PM
L235	1	"8683502".pn.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:40 PM
L236	1	"9078035".pn.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:40 PM
L237	58	H04N21/4108$.cpc. and ((common shar$4) with (ip address))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:40 PM
L238	1442	H04N21/41$.cpc. and ((common shar$4) near10 (ip address))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:40 PM
L239	142	H04N21/4524$.cpc. and ((common shar$4) near10 (ip address))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:40 PM
L240	166	((ROY) near2 (SHKEDI)).INV.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:40 PM
L241	65147	H04N21/812.cpc. H04N21/25841.cpc. H04N21/25891.cpc. H04N21/2668.cpc. H04N21/4104.cpc. H04N21/4108.cpc. H04N21/4126.cpc. H04N21/42684.cpc. H04N21/435.cpc. H04N21/44222.cpc. H04N21/4524.cpc. H04N21/4532.cpc. H04N21/4882.cpc.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:40 PM

		H04N21/6125.cpc. H04N21/64322.cpc. H04N21/84.cpc.					
L242	4210	(L162) and ((common shar$4) with (ip address))	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2022/01/19 01:40 PM
L243	2958	(L162) and ((common shar$4) near10 (ip address))	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2022/01/19 01:40 PM
L244	11	"20130094830".pn. "20130219417".pn. "20120163770".pn. "20110246908".pn. "20090271821".pn.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:40 PM
L245	166	((ROY) near2 (SHKEDI)).INV.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:40 PM
L246	142	H04N21/4524$.cpc. and ((common shar$4) near10 (ip address))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:40 PM
L247	11	"20130094830".pn. "20130219417".pn. "20120163770".pn. "20110246908".pn. "20090271821".pn.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:40 PM
L248	58	H04N21/4108$.cpc. and ((common shar$4) with (ip address))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:40 PM
L249	222	(profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:40 PM
L250	222	(profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:40 PM
L251	6163	H04N21/$.cpc. and (((common shar$4) near10 (ip address)))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:40 PM
L252	645	H04N21/$.cpc. and ((profil$4 preferenc$$) with (proxim$4 nearby adjacen$4 vicinity)) with (associat$4 correlat$4 link$4)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/01/19 01:40 PM
L253	490	H04N21/$.cpc. and ((profil$4) with (proxim$4 nearby adjacen$4 vicinity)) with (associat$4 correlat$4 link$4)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/01/19 01:40 PM
L254	237	H04N21/$.cpc. and ((preferenc$$) with	(US-PGPUB; USPAT; USOCR; FPRS; EPO;	OR	ON	ON	2022/01/19 01:40 PM

		(proxim$4 nearby adjacen$4 vicinity)) with (associat$4 correlat$4 link$4)	JPO; DERWENT; IBM_TDB)				
L255	222	(profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:40 PM
L256	237	H04N21/$.cpc. and ((preferenc$$) with (proxim$4 nearby adjacen$4 vicinity)) with (associat$4 correlat$4 link$4)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/01/19 01:40 PM
L257	222	(profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:40 PM
L258	490	H04N21/$.cpc. and ((profil$4) with (proxim$4 nearby adjacen$4 vicinity)) with (associat$4 correlat$4 link$4)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/01/19 01:40 PM
L259	490	H04N21/$.cpc. and ((profil$4) with (proxim$4 nearby adjacen$4 vicinity)) with (associat$4 correlat$4 link$4)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/01/19 01:40 PM
L260	58	H04N21/4108$.cpc. and ((common shar$4) with (ip address))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:40 PM
L261	5790	H04N21/$.cpc. and ((common shar$4) near10 (ip address))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:40 PM
L262	5790	H04N21/$.cpc. and ((common shar$4) near10 (ip address))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:40 PM
L263	22870	(stb stt receiver set$top) near5 (proximate proximity (shar$4 near locat$4))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:40 PM
L264	984	L195 and H04N21/$.cpc.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:40 PM
L265	1403	H04N21/$.cpc. and (proxim$4).ab.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:40 PM
L266	58	H04N21/4108$.cpc. and ((common shar$4) with (ip address))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:40 PM
L267	1442	H04N21/41$.cpc. and ((common shar$4) near10 (ip address))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:40 PM

L268	169	((("SHKEDI") near3 ("Roy")) OR (("BEN-YISHAI") near3 ("Dror"))).INV.	(US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT)	OR	OFF	OFF	2022/01/19 01:40 PM
L269	45	("20020056088"|"20040068744"|"20050055713"|"20060123080"|"20060123081"|"20060205354"|"20070118661"|"20080195664"|"20080300985"|"20090044246"|"20100325659"|"20120149309"|"5809242"|"7486648").PN.	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/01/19 01:40 PM
L270	530	("20020124249"|"20030093792"|"20040117827"|"20050108776"|"20060248570"|"20070220553"|"20080109843"|"20080244076"|"20090199230"|"20100058383"|"20120096491"|"5855008"|"6216129"|"6366298"|"6684194"|"7260823"|"7328450"|"7490135"|"7890609"|"7925549"|"20040068744"|"20050055713"|"20100325659"|"20120149309"|"20020166119"|"20020013943"|"20020078444"|"20020123928"|"20040172650"|"20100076848"|"20120023522"|"5933811"|"7051351"|"7152237"|"7370073"|"7428493"|"7739140"|"7900229"|"7979307"|"8086491"|"8239886"|"20070073585"|"20090204706"|"20020082910"|"20030051242"|"20040107437"|"20050246736"|"20070100690"|"20070266403"|"20090049468"|"20090172728"|"20090300675"|"20110099576"|"20110167043"|"6377986"|"6832207"|"6868392"|"7092926"|"7328448"|"7634785"|"7747745"|"7822639"|"784068	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/01/19 01:40 PM

		9"|"7899915"|"8015286" |"8024765"|"8132202"|" 8150732"|"8239264"|"2 0090217324"|"2008030 0985"|"20010003184"|" 20020194058"|"200201 94604"|"20030066078"| "20030208758"|"20070 198532"|"20070266400 "|"20070283384"|"2008 0281699"|"2009000717 1"|"20090049469"|"638 5592"|"6446261"|"7072 853"|"20080189360"|"2 0060123081"|"2006025 3323"|"20070089127"|" 20070180469"|"200901 72723"|"5948061"|"692 5440"|"6718551"|"7370 342"|"7822637"|"78449 85"|"7987491"|"813220 8"|"8200822"|"8204783" |"8204965"|"8213426"|" 8244586"|"2005018782 3"|"20110258049"|"200 70118661"|"8522271"|" 20020032603"|"200201 24253"|"20050086112"| "20050125290"|"20050 165638"|"20050165644 "|"20080040742"|"2010 0175078"|"2010032565 9"|"20110035256"|"616 0989"|"6536041"|"6973 436"|"6845396"|"78187 63"|"7941817"|"816650 1"|"8244574"|"8244582" |"20080255944"|"20080 118063"|"20020056088 "|"20020129362"|"2003 0149975"|"2005016564 3"|"20050283796"|"200 80275785"|"201200964 89"|"5848396"|"677129 0"|"7100183"|"7636672" |"7818206"|"8244583"|" 20070038516"|"200802 22283"|"20090106100"| "20060205354"|"20090 044246"|"7486648"|"20 040078809"|"20060271 953"|"20070208619"|"2 0070294721"|"2009003 7949"|"7039935"|"7454 364"|"7856372"|"78563 73"|"7861260"|"793738 3"|"8024454"|"8051444" |"8108895"|"200901717					

		80"|"20080109376"|"20060123080"|"5809242").PN.					
L271	166	((ROY) near2 (SHKEDI)).INV.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L272	0	("20100325659.pn.").PN.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/01/19 01:49 PM
L273	0	("20100325659.pn.").PN.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:49 PM
L274	0	("7861260.pn.").PN.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/01/19 01:49 PM
L275	2	("20100325659").PN.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/01/19 01:49 PM
L276	2	("7861260").PN.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/01/19 01:49 PM
L277	246	("20020013943" | "20020032603" | "20020059602" | "20020078444" | "20020082910" | "20020104086" | "20020120933" | "20020120935" | "20020123928" | "20020124249" | "20020124253" | "20020129368" | "20020194058" | "20020194604" | "20030051242" | "20030066078" | "20030126597" | "20030135853" | "20030145323" | "20030149975" | "20030187949" | "20030208756" | "20030208758" | "20030226141" | "20040003406" | "20040010546" | "20040073915" | "20040078809" | "20040107437" | "20040117827" |	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM

		"20040123314" | "20040163101" | "20040172650" | "20050076393" | "20050086112" | "20050165638" | "20050165644" | "20050177420" | "20060116924" | "20060253323" | "20060271953" | "20070100690" | "20070233571" | "20070244750" | "20070266403" | "20070294721" | "20080016540" | "20080040742" | "20080243822" | "20080313194" | "20090049468" | "20090094119" | "20090172723" | "20090300675" | "5105184" | "5809242" | "5848396" | "5855008" | "5933811" | "5948061" | "5978013" | "6026368" | "6055573" | "6073241" | "6157946" | "6160989" | "6189008" | "6216129" | "6366298" | "6385592" | "6446261" | "6463533" | "6490587" | "6718551" | "6771290" | "6832207" | "6845396" | "6847992" | "6925440" | "6973436" | "7013290" | "7051351" | "7072853" | "7092926" | "7100183" | "7152237" | "7188085" | "7260823").PN. OR ("7861260").URPN.					
L278	4	725/14-21.ccls. and 725/32,34-36.ccls. and 725/62.ccls.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L279	43347	(stb stt receiver set$top) with (proximate proximity (shar$4 near locat$4))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L280	22870	(stb stt receiver set$top) near5 (proximate proximity (shar$4 near locat$4))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L281	372	L110 and "725".clas.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM

L282	1538	(stb stt receiver set$top) with (offline)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L283	65	L112 and "725".clas.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L284	1	"20060123080".pn.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L285	1	"20060123081" .pn.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L286	1	"20060205354".pn.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L287	1	"20070118661".pn.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L288	1	"20120149309".pn.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L289	35	"725".clas. and (proxim$4).ti.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L290	0	"725".clas. and profile near5 devices near5 proximity	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L291	0	"725".clas. and (profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L292	0	"725".clas. and (profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:49 PM
L293	222	(profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:49 PM
L294	51	alcon.xa.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L295	324	"725".clas. and (proxim$4).ab.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L296	0	(L114 L115 L116 L117 L118) and (offline disconnet$4)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L297	5	(L114 L115 L116 L117 L118)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L298	151	("20020124249"|"20040078809"|"20050165638"|"20070266403"|"20090049468"|"20090300675"|"20100175078"|"6868392"|"7072853"|"7100183"|"7152237"|"7490135"|"7634785"|"7979307"|"20050187823"|"20080118063"|"20010003184"|"20020013943"|"20020032603"|"20050246736"|"20070198532"|"2	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM

		0090037949"|"5948061"|"6366298"|"6771290"|"8244574"|"8244582"|"20070038516"|"20090204706"|"20090217324"|"20030149975"|"20040107437"|"20050165643"|"20080281699"|"20100076848"|"20110099576"|"20120096489"|"5933811"|"6385592"|"6718551"|"6832207"|"7092926"|"7818206"|"7987491"|"8132202"|"20020082910"|"20020129362"|"20020194058"|"20020194604"|"20040172650"|"20050165644"|"20050283796"|"20070220553"|"20080109843"|"20080244076"|"20090007171"|"20090049469"|"20110035256"|"20120096491"|"5855008"|"6216129"|"6377986"|"6536041"|"7260823"|"7328450"|"7747745"|"7856372"|"7925549"|"8015286"|"8086491"|"8108895"|"8204965"|"8244583"|"20080109376"|"20020078444"|"20030051242"|"20030208758"|"20040117827"|"20050125290"|"20060248570"|"20070100690"|"20070180469"|"20090172728"|"20100325659"|"20110167043"|"6446261"|"7428493"|"7818763"|"7890609"|"7899915"|"8024454"|"8239264"|"20080189360"|"20080222283"|"20090171780"|"20020123928"|"20030066078"|"20030093792"|"20050086112"|"20050108776"|"20100058383"|"5848396"|"6160989"|"6973436"|"7822639"|"7840689"|"8200822"|"8204783"|"8244586"|"20070073585"|"20080255944"|"20090106100"|"20110258049"|"20060271953"|"20070089127"|"20070208619"|"20070266400"|"20070283384"|"20070294721"|					

		20080040742"|"20090172723"|"20090199230"|"6684194"|"6925440"|"7370342"|"7822637"|"7856373"|"7861260"|"7937383"|"20020124253"|"20060253323"|"20080275785"|"20120023522"|"6845396"|"7039935"|"7051351"|"7328448"|"7370073"|"7454364"|"7636672"|"7739140"|"7844985"|"7900229"|"7941817"|"8024765"|"8051444"|"8132208"|"8150732"|"8166501"|"8213426"|"8239886").PN.				
L299	30	725/14.ccls. and 725/74,78-85.ccls.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L300	339	(location adj (ID identifier)) and "725".clas.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:49 PM
L301	16	(proxy adj location) and "725".clas.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:49 PM
L302	159	(shar$4 near2 location) and "725".clas.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:49 PM
L303	14	(proxy NEAR2 location).CLM. and "725".clas.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:49 PM
L304	14828	725/14-21.ccls.and (profile WITH proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L305	31	725/32,34-36.ccls. and (profile WITH proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L306	31	725/32,34-36.ccls. and (profile WITH proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L307	166	((ROY) near2 (SHKEDI)).INV.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L308	31	725/32,34-36.ccls. and (profile WITH proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L309	31	725/32,34-36.ccls. and (profile WITH proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L310	14	(proxy NEAR2 location).CLM. and "725".clas.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:49 PM
L311	222	(profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR; FPRS; EPO;	OR	OFF	OFF	2022/01/19 01:49 PM

			JPO; DERWENT; IBM_TDB)				
L312	222	(profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:49 PM
L313	31	725/32,34-36.ccls. and (profile WITH proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L314	543	H04N21/$.cpc. and (profile WITH proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L315	543	H04N21/$.cpc. and (profile WITH proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L316	31	725/32,34-36.ccls. and (profile WITH proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L317	222	(profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:49 PM
L318	222	(profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:49 PM
L319	31	725/32,34-36.ccls. and (profile WITH proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L320	1	"8683502".pn.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L321	1	"9078035".pn.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L322	58	H04N21/4108$.cpc. and ((common shar$4) with (ip address))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L323	1442	H04N21/41$.cpc. and ((common shar$4) near10 (ip address))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L324	142	H04N21/4524$.cpc. and ((common shar$4) near10 (ip address))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L325	166	((ROY) near2 (SHKEDI)).INV.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L326	65147	H04N21/812.cpc. H04N21/25841.cpc. H04N21/25891.cpc. H04N21/2668.cpc. H04N21/4104.cpc. H04N21/4108.cpc. H04N21/4126.cpc. H04N21/42684.cpc. H04N21/435.cpc. H04N21/44222.cpc. H04N21/4524.cpc. H04N21/4532.cpc. H04N21/4882.cpc. H04N21/6125.cpc.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM

		H04N21/64322.cpc. H04N21/84.cpc.					
L327	4210	(L162) and ((common shar$4) with (ip address))	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2022/01/19 01:49 PM
L328	2958	(L162) and ((common shar$4) near10 (ip address))	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2022/01/19 01:49 PM
L329	11	"20130094830".pn. "20130219417".pn. "20120163770".pn. "20110246908".pn. "20090271821".pn.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:49 PM
L330	166	((ROY) near2 (SHKEDI)).INV.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L331	142	H04N21/4524$.cpc. and ((common shar$4) near10 (ip address))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L332	11	"20130094830".pn. "20130219417".pn. "20120163770".pn. "20110246908".pn. "20090271821".pn.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:49 PM
L333	58	H04N21/4108$.cpc. and ((common shar$4) with (ip address))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L334	222	(profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:49 PM
L335	222	(profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:49 PM
L336	6163	H04N21/$.cpc. and (((common shar$4) near10 (ip address)))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:49 PM
L337	645	H04N21/$.cpc. and ((profil$4 preferenc$$) with (proxim$4 nearby adjacen$4 vicinity)) with (associat$4 correlat$4 link$4)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/01/19 01:49 PM
L338	490	H04N21/$.cpc. and ((profil$4) with (proxim$4 nearby adjacen$4 vicinity)) with (associat$4 correlat$4 link$4)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/01/19 01:49 PM
L339	237	H04N21/$.cpc. and ((preferenc$$) with (proxim$4 nearby	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	OR	ON	ON	2022/01/19 01:49 PM

		adjacen$4 vicinity)) with (associat$4 correlat$4 link$4)	IBM_TDB)				
L340	222	(profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:49 PM
L341	237	H04N21/$.cpc. and ((preferenc$$) with (proxim$4 nearby adjacen$4 vicinity)) with (associat$4 correlat$4 link$4)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/01/19 01:49 PM
L342	222	(profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:49 PM
L343	490	H04N21/$.cpc. and ((profil$4) with (proxim$4 nearby adjacen$4 vicinity)) with (associat$4 correlat$4 link$4)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/01/19 01:49 PM
L344	490	H04N21/$.cpc. and ((profil$4) with (proxim$4 nearby adjacen$4 vicinity)) with (associat$4 correlat$4 link$4)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/01/19 01:49 PM
L345	58	H04N21/4108$.cpc. and ((common shar$4) with (ip address))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L346	5790	H04N21/$.cpc. and ((common shar$4) near10 (ip address))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L347	5790	H04N21/$.cpc. and ((common shar$4) near10 (ip address))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L348	22870	(stb stt receiver set$top) near5 (proximate proximity (shar$4 near locat$4))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L349	984	L195 and H04N21/$.cpc.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L350	1403	H04N21/$.cpc. and (proxim$4).ab.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L351	58	H04N21/4108$.cpc. and ((common shar$4) with (ip address))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L352	1442	H04N21/41$.cpc. and ((common shar$4) near10 (ip address))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L353	169	((("SHKEDI") near3	(US-PGPUB; USPAT;	OR	OFF	OFF	2022/01/19

		("Roy")) OR (("BEN-YISHAI") near3 ("Dror"))).INV.	USOCR; EPO; JPO; DERWENT)				01:49 PM
L354	45	("20020056088"|"20040068744"|"20050055713"|"20060123080"|"20060123081"|"2006020535 4"|"20070118661"|"20080195664"|"20080300985"|"20090044246"|"20100325659"|"20120149309"|"5809242"|"7486648").PN.	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/01/19 01:49 PM
L355	530	("20020124249"|"20030093792"|"20040117827"|"20050108776"|"20060248570"|"2007022055 3"|"20080109843"|"20080244076"|"20090199230"|"20100058383"|"20120096491"|"5855008"|"6216129"|"6366298"|"6684194"|"7260823"|"7328450"|"7490135"|"7890609"|"7925549"|"20040068744"|"2005005571 3"|"20100325659"|"20120149309"|"20020166119"|"20020013943"|"20020078444"|"20020123928"|"20040172650"|"20100076848"|"20120023522"|"5933811"|"7051351"|"7152237"|"7370073"|"7428493"|"7739140"|"7900229"|"7979307"|"8086491"|"8239886"|"20070073585"|"20090204706"|"20020082910"|"20030051242"|"20040107437"|"20050246736"|"20070100690"|"20070266403"|"20090049468"|"20090172728"|"20090300675"|"20110099576"|"20110167043"|"6377986"|"6832207"|"6868392"|"7092926"|"7328448"|"7634785"|"7747745"|"7822639"|"7840689"|"7899915"|"8015286"	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/01/19 01:49 PM

		|"8024765"|"8132202"|"8150732"|"8239264"|"20090217324"|"20080300985"|"20010003184"|"20020194058"|"20020194604"|"20030066078"|"20030208758"|"20070198532"|"20070266400"|"20070283384"|"20080281699"|"20090007171"|"20090049469"|"6385592"|"6446261"|"7072853"|"20080189360"|"20060123081"|"20060253323"|"20070089127"|"20070180469"|"20090172723"|"5948061"|"6925440"|"6718551"|"7370342"|"7822637"|"7844985"|"7987491"|"8132208"|"8200822"|"8204783"|"8204965"|"8213426"|"8244586"|"20050187823"|"20110258049"|"20070118661"|"8522271"|"20020032603"|"20020124253"|"20050086112"|"20050125290"|"20050165638"|"20050165644"|"20080040742"|"20100175078"|"20100325659"|"20110035256"|"6160989"|"6536041"|"6973436"|"6845396"|"7818763"|"7941817"|"8166501"|"8244574"|"8244582"|"20080255944"|"20080118063"|"20020056088"|"20020129362"|"20030149975"|"20050165643"|"20050283796"|"20080275785"|"20120096489"|"5848396"|"6771290"|"7100183"|"7636672"|"7818206"|"8244583"|"20070038516"|"20080222283"|"20090106100"|"20060205354"|"20090044246"|"7486648"|"20040078809"|"20060271953"|"20070208619"|"20070294721"|"20090037949"|"7039935"|"7454364"|"7856372"|"7856373"|"7861260"|"7937383"|"8024454"|"8051444"|"8108895"|"20090171780"|"20080109376"|"20				

		060123080"|"5809242").PN.					
L356	166	((ROY) near2 (SHKEDI)).INV.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L357	0	("20100325659.pn.").PN.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/01/19 01:49 PM
L358	0	("20100325659.pn.").PN.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:49 PM
L359	0	("7861260.pn.").PN.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/01/19 01:49 PM
L360	2	("20100325659").PN.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/01/19 01:49 PM
L361	2	("7861260").PN.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/01/19 01:49 PM
L362	246	("20020013943" | "20020032603" | "20020059602" | "20020078444" | "20020082910" | "20020104086" | "20020120933" | "20020120935" | "20020123928" | "20020124249" | "20020124253" | "20020129368" | "20020194058" | "20020194604" | "20030051242" | "20030066078" | "20030126597" | "20030135853" | "20030145323" | "20030149975" | "20030187949" | "20030208756" | "20030208758" | "20030226141" | "20040003406" | "20040010546" | "20040073915" | "20040078809" | "20040107437" | "20040117827" | "20040123314" |	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM

		"20040163101" | "20040172650" | "20050076393" | "20050086112" | "20050165638" | "20050165644" | "20050177420" | "20060116924" | "20060253323" | "20060271953" | "20070100690" | "20070233571" | "20070244750" | "20070266403" | "20070294721" | "20080016540" | "20080040742" | "20080243822" | "20080313194" | "20090049468" | "20090094119" | "20090172723" | "20090300675" | "5105184" | "5809242" | "5848396" | "5855008" | "5933811" | "5948061" | "5978013" | "6026368" | "6055573" | "6073241" | "6157946" | "6160989" | "6189008" | "6216129" | "6366298" | "6385592" | "6446261" | "6463533" | "6490587" | "6718551" | "6771290" | "6832207" | "6845396" | "6847992" | "6925440" | "6973436" | "7013290" | "7051351" | "7072853" | "7092926" | "7100183" | "7152237" | "7188085" | "7260823").PN. OR ("7861260").URPN.					
L363	4	725/14-21.ccls. and 725/32,34-36.ccls. and 725/62.ccls.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L364	43347	(stb stt receiver set$top) with (proximate proximity (shar$4 near locat$4))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L365	22870	(stb stt receiver set$top) near5 (proximate proximity (shar$4 near locat$4))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L366	372	L110 and "725".clas.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L367	1538	(stb stt receiver set$top)	(US-PGPUB; USPAT;	OR	OFF	OFF	2022/01/19

		with (offline)	USOCR)				01:49 PM
L368	65	L112 and "725".clas.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L369	1	"20060123080".pn.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L370	1	"20060123081" .pn.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L371	1	"20060205354".pn.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L372	1	"20070118661".pn.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L373	1	"20120149309".pn.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L374	35	"725".clas. and (proxim$4).ti.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L375	0	"725".clas. and profile near5 devices near5 proximity	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L376	0	"725".clas. and (profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L377	0	"725".clas. and (profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:49 PM
L378	222	(profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:49 PM
L379	51	alcon.xa.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L380	324	"725".clas. and (proxim$4).ab.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L381	0	(L114 L115 L116 L117 L118) and (offline disconnet$4)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L382	5	(L114 L115 L116 L117 L118)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L383	151	("20020124249"|"20040078809"|"20050165638"|"20070266403"|"20090049468"|"20090300675"|"20100175078"|"6868392"|"7072853"|"7100183"|"7152237"|"7490135"|"7634785"|"7979307"|"20050187823"|"20080118063"|"20010003184"|"20020013943"|"20020032603"|"20050246736"|"20070198532"|"20090037949"|"5948061	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM

		"|"6366298"|"6771290"|" 8244574"|"8244582"|"2 0070038516"|"2009020 4706"|"20090217324"|" 20030149975"|"200401 07437"|"20050165643"| "20080281699"|"20100 076848"|"20110099576 "|"20120096489"|"5933 811"|"6385592"|"67185 51"|"6832207"|"709292 6"|"7818206"|"7987491" |"8132202"|"200200829 10"|"20020129362"|"20 020194058"|"20020194 604"|"20040172650"|"2 0050165644"|"2005028 3796"|"20070220553"|" 20080109843"|"200802 44076"|"20090007171"| "20090049469"|"20110 035256"|"20120096491 "|"5855008"|"6216129"|" 6377986"|"6536041"|"7 260823"|"7328450"|"77 47745"|"7856372"|"792 5549"|"8015286"|"8086 491"|"8108895"|"82049 65"|"8244583"|"200801 09376"|"20020078444"| "20030051242"|"20030 208758"|"20040117827 "|"20050125290"|"2006 0248570"|"2007010069 0"|"20070180469"|"200 90172728"|"201003256 59"|"20110167043"|"64 46261"|"7428493"|"781 8763"|"7890609"|"7899 915"|"8024454"|"82392 64"|"20080189360"|"20 080222283"|"20090171 780"|"20020123928"|"2 0030066078"|"2003009 3792"|"20050086112"|" 20050108776"|"201000 58383"|"5848396"|"616 0989"|"6973436"|"7822 639"|"7840689"|"82008 22"|"8204783"|"824458 6"|"20070073585"|"200 80255944"|"200901061 00"|"20110258049"|"20 060271953"|"20070089 127"|"20070208619"|"2 0070266400"|"2007028 3384"|"20070294721"|" 20080040742"|"200901					

		72723"|"20090199230"|"6684194"|"6925440"|"7370342"|"7822637"|"7856373"|"7861260"|"7937383"|"20020124253"|"20060253323"|"20080275785"|"20120023522"|"6845396"|"7039935"|"7051351"|"7328448"|"7370073"|"7454364"|"7636672"|"7739140"|"7844985"|"7900229"|"7941817"|"8024765"|"8051444"|"8132208"|"8150732"|"8166501"|"8213426"|"8239886").PN.				
L384	30	725/14.ccls. and 725/74,78-85.ccls.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L385	339	(location adj (ID identifier)) and "725".clas.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:49 PM
L386	16	(proxy adj location) and "725".clas.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:49 PM
L387	159	(shar$4 near2 location) and "725".clas.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:49 PM
L388	14	(proxy NEAR2 location).CLM. and "725".clas.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:49 PM
L389	14828	725/14-21.ccls.and (profile WITH proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L390	31	725/32,34-36.ccls. and (profile WITH proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L391	31	725/32,34-36.ccls. and (profile WITH proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L392	166	((ROY) near2 (SHKEDI)).INV.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L393	31	725/32,34-36.ccls. and (profile WITH proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L394	31	725/32,34-36.ccls. and (profile WITH proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L395	14	(proxy NEAR2 location).CLM. and "725".clas.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:49 PM
L396	222	(profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT;	OR	OFF	OFF	2022/01/19 01:49 PM

			IBM_TDB)				
L397	222	(profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:49 PM
L398	31	725/32,34-36.ccls. and (profile WITH proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L399	543	H04N21/$.cpc. and (profile WITH proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L400	543	H04N21/$.cpc. and (profile WITH proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L401	31	725/32,34-36.ccls. and (profile WITH proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L402	222	(profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:49 PM
L403	222	(profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:49 PM
L404	31	725/32,34-36.ccls. and (profile WITH proximity)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L405	1	"8683502".pn.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L406	1	"9078035".pn.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L407	58	H04N21/4108$.cpc. and ((common shar$4) with (ip address))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L408	1442	H04N21/41$.cpc. and ((common shar$4) near10 (ip address))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L409	142	H04N21/4524$.cpc. and ((common shar$4) near10 (ip address))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L410	166	((ROY) near2 (SHKEDI)).INV.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L411	65147	H04N21/812.cpc. H04N21/25841.cpc. H04N21/25891.cpc. H04N21/2668.cpc. H04N21/4104.cpc. H04N21/4108.cpc. H04N21/4126.cpc. H04N21/42684.cpc. H04N21/435.cpc. H04N21/44222.cpc. H04N21/4524.cpc. H04N21/4532.cpc. H04N21/4882.cpc. H04N21/6125.cpc. H04N21/64322.cpc.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM

		H04N21/84.cpc.					
L412	4210	(L162) and ((common shar$4) with (ip address))	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2022/01/19 01:49 PM
L413	2958	(L162) and ((common shar$4) near10 (ip address))	(US-PGPUB; USPAT; USOCR)	OR	ON	ON	2022/01/19 01:49 PM
L414	11	"20130094830".pn. "20130219417".pn. "20120163770".pn. "20110246908".pn. "20090271821".pn.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:49 PM
L415	166	((ROY) near2 (SHKEDI)).INV.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L416	142	H04N21/4524$.cpc. and ((common shar$4) near10 (ip address))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L417	11	"20130094830".pn. "20130219417".pn. "20120163770".pn. "20110246908".pn. "20090271821".pn.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:49 PM
L418	58	H04N21/4108$.cpc. and ((common shar$4) with (ip address))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L419	222	(profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:49 PM
L420	222	(profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:49 PM
L421	6163	H04N21/$.cpc. and (((common shar$4) near10 (ip address)))	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:49 PM
L422	645	H04N21/$.cpc. and ((profil$4 preferenc$$) with (proxim$4 nearby adjacen$4 vicinity)) with (associat$4 correlat$4 link$4)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/01/19 01:49 PM
L423	490	H04N21/$.cpc. and ((profil$4) with (proxim$4 nearby adjacen$4 vicinity)) with (associat$4 correlat$4 link$4)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/01/19 01:49 PM
L424	237	H04N21/$.cpc. and ((preferenc$$) with (proxim$4 nearby adjacen$4 vicinity)) with	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/01/19 01:49 PM

		(associat$4 correlat$4 link$4)					
L425	222	(profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:49 PM
L426	237	H04N21/$.cpc. and ((preferenc$$) with (proxim$4 nearby adjacen$4 vicinity)) with (associat$4 correlat$4 link$4)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/01/19 01:49 PM
L427	222	(profile near5 devices near5 proximity)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2022/01/19 01:49 PM
L428	490	H04N21/$.cpc. and ((profil$4) with (proxim$4 nearby adjacen$4 vicinity)) with (associat$4 correlat$4 link$4)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/01/19 01:49 PM
L429	490	H04N21/$.cpc. and ((profil$4) with (proxim$4 nearby adjacen$4 vicinity)) with (associat$4 correlat$4 link$4)	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/01/19 01:49 PM
L430	58	H04N21/4108$.cpc. and ((common shar$4) with (ip address))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L431	5790	H04N21/$.cpc. and ((common shar$4) near10 (ip address))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L432	5790	H04N21/$.cpc. and ((common shar$4) near10 (ip address))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L433	22870	(stb stt receiver set$top) near5 (proximate proximity (shar$4 near locat$4))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L434	984	L195 and H04N21/$.cpc.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L435	1403	H04N21/$.cpc. and (proxim$4).ab.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L436	58	H04N21/4108$.cpc. and ((common shar$4) with (ip address))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L437	1442	H04N21/41$.cpc. and ((common shar$4) near10 (ip address))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 01:49 PM
L438	169	((("SHKEDI") near3 ("Roy")) OR (("BEN-	(US-PGPUB; USPAT; USOCR; EPO; JPO;	OR	OFF	OFF	2022/01/19 01:49 PM

		YISHAI") near3 ("Dror"))).INV.	DERWENT)				
L439	45	("20020056088"|"20040068744"|"20050055713"|"20060123080"|"20060123081"|"20060205354"|"20070118661"|"20080195664"|"20080300985"|"20090044246"|"20100325659"|"20120149309"|"5809242"|"7486648").PN.	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/01/19 01:49 PM
L440	530	("20020124249"|"20030093792"|"20040117827"|"20050108776"|"20060248570"|"20070220553"|"20080109843"|"20080244076"|"20090199230"|"20100058383"|"20120096491"|"5855008"|"6216129"|"6366298"|"6684194"|"7260823"|"7328450"|"7490135"|"7890609"|"7925549"|"20040068744"|"20050055713"|"20100325659"|"20120149309"|"20020166119"|"20020013943"|"20020078444"|"20020123928"|"20040172650"|"20100076848"|"20120023522"|"5933811"|"7051351"|"7152237"|"7370073"|"7428493"|"7739140"|"7900229"|"7979307"|"8086491"|"8239886"|"20070073585"|"20090204706"|"20020082910"|"20030051242"|"20040107437"|"20050246736"|"20070100690"|"20070266403"|"20090049468"|"20090172728"|"20090300675"|"20110099576"|"20110167043"|"6377986"|"6832207"|"6868392"|"7092926"|"7328448"|"7634785"|"7747745"|"7822639"|"7840689"|"7899915"|"8015286"|"8024765"|"8132202"|	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/01/19 01:49 PM

		8150732"|"8239264"|"2 0090217324"|"2008030 0985"|"20010003184"|" 20020194058"|"200201 94604"|"20030066078"| "20030208758"|"20070 198532"|"20070266400 "|"20070283384"|"2008 0281699"|"2009000717 1"|"20090049469"|"638 5592"|"6446261"|"7072 853"|"20080189360"|"2 0060123081"|"2006025 3323"|"20070089127"|" 20070180469"|"200901 72723"|"5948061"|"692 5440"|"6718551"|"7370 342"|"7822637"|"78449 85"|"7987491"|"813220 8"|"8200822"|"8204783" |"8204965"|"8213426"|" 8244586"|"2005018782 3"|"20110258049"|"200 70118661"|"8522271"|" 20020032603"|"200201 24253"|"20050086112"| "20050125290"|"20050 165638"|"20050165644 "|"20080040742"|"2010 0175078"|"2010032565 9"|"20110035256"|"616 0989"|"6536041"|"6973 436"|"6845396"|"78187 63"|"7941817"|"816650 1"|"8244574"|"8244582" |"20080255944"|"20080 118063"|"20020056088 "|"20020129362"|"2003 0149975"|"2005016564 3"|"20050283796"|"200 80275785"|"201200964 89"|"5848396"|"677129 0"|"7100183"|"7636672" |"7818206"|"8244583"|" 20070038516"|"200802 22283"|"20090106100"| "20060205354"|"20090 044246"|"7486648"|"20 040078809"|"20060271 953"|"20070208619"|"2 0070294721"|"2009003 7949"|"7039935"|"7454 364"|"7856372"|"78563 73"|"7861260"|"793738 3"|"8024454"|"8051444" |"8108895"|"200901717 80"|"20080109376"|"20 060123080"|"5809242")					

		.PN.					
L441	966162	(PII (personal$4 near2 information))	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/01/19 02:23 PM
L442	329109	(H04N21/812 OR H04N21/25841 OR H04N21/25891 OR H04N21/2668 OR H04N21/4104 OR H04N21/4108 OR H04N21/4126 OR H04N21/42684 OR H04N21/435 OR H04N21/43615 OR H04N21/44222 OR H04N21/4524 OR H04N21/4532 OR H04N21/6125 OR H04N21/6402 OR H04N21/64322 OR H04N21/84 OR H04N21/4882).cpc.	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/01/19 02:23 PM
L443	7631	(PII (personal$4 near2 information)) WITH (provider server source) WITH ((subscriber user) near2(identifier ID))	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/01/19 02:27 PM
L444	171	L460 AND L459	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA,	OR	ON	ON	2022/01/19 02:28 PM

			EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L445	16913	L458 AND L459	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/01/19 02:28 PM
L446	3040	L459 AND ((common shar$4) near10 (ip address))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 02:55 PM
L447	17632	(device client user) near6(associat$4 link$4 connect $4coupl$4) same2((common shar$4) near5 (ip address))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 03:04 PM
L448	558	L464 AND L459	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2022/01/19 03:05 PM
L449	57	behavioral AND L457	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/01/19 05:07 PM
L450	23	behavioral near2 target$4 AND L457	(US-PGPUB; USPAT; USOCR; FIT (AP, AT,	OR	ON	ON	2022/01/19 05:07 PM

			AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L451	8	("20020144281" "20100333131" "20120084828").pn.	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2022/01/19 05:14 PM
L453	0	behavioral near2 target$4 AND L457	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/01/26 10:57 AM
L454	348035	(H04N21/812 OR H04N21/25841 OR H04N21/25891 OR H04N21/2668 OR H04N21/4104 OR H04N21/4108 OR H04N21/4126 OR H04N21/42684 OR H04N21/435 OR H04N21/43615 OR H04N21/44222 OR	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO,	OR	ON	ON	2024/01/26 10:58 AM

		H04N21/4524 OR H04N21/4532 OR H04N21/6125 OR H04N21/6402 OR H04N21/64322 OR H04N21/84 OR H04N21/4882).cpc.	RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L455	8642	(PII (personal$4 near2 information)) WITH (provider server source) WITH ((subscriber user) near2(identifier ID))	(US-PGPUB; USPAT; USOCR; FIT (AP, AT, AU, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA, EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, MC, MD, MY, NL, NO, NZ, OA, PH, PL, PT, RO, RS, RU, SE, SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	ON	ON	2024/01/26 10:58 AM
L456	20395	(device client user) near6(associat$4 link$4 connect $4coupl$4) same2((common shar$4) near5 (ip address))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2024/01/26 10:58 AM
L457	67521	H04N21/812.cpc. H04N21/25841.cpc. H04N21/25891.cpc. H04N21/2668.cpc. H04N21/4104.cpc. H04N21/4108.cpc. H04N21/4126.cpc. H04N21/42684.cpc. H04N21/435.cpc. H04N21/44222.cpc. H04N21/4524.cpc. H04N21/4532.cpc. H04N21/4882.cpc. H04N21/6125.cpc. H04N21/64322.cpc. H04N21/84.cpc.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2024/01/26 10:59 AM
L458	154	H04N21/4524$.cpc. and ((common shar$4) near10 (ip address))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2024/01/26 10:59 AM
L459	67	L457 AND L455	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2024/01/26 11:01 AM
L460	617	L457 AND L456	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2024/01/26 11:02 AM
L461	224	L457 AND (behavioral near2 target$4)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2024/01/26 11:03 AM
L462	6381	H04N21/$.cpc. AND	(US-PGPUB; USPAT;	OR	OFF	OFF	2024/01/26

		((common shar$4) near10 (ip address))	USOCR)				11:21 AM
L463	2050	H04N21/$.cpc. AND ((common shar$4) near10 (ip address)) same3(identifier id identifiab$4)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2024/01/26 11:28 AM
L464	855	H04N21/$.cpc. AND ((common shar$4) near10 (ip address)) SAME (identifier id identifiab$4)	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2024/01/26 11:39 AM
L465	191	((ROY) near2 (SHKEDI)).INV.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2024/01/26 05:17 PM
L466	22018	(device client user) near6(associat$4 link$4 connect $4coupl$4) SAME (ip address) AND H04N21/$.cpc.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2024/01/27 06:48 AM
L467	987	(device client user) near6(associat$4 link$4 connect $4coupl$4) SAME (ip address) WITH (common shar$4) AND H04N21/$.cpc.	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2024/01/27 06:51 AM
L468	25	(device client user) near6(associat$4 link$4 connect $4coupl$4) SAME (ip address) WITH (common shar$4) AND ((PII (personal$4 near2 information)) WITH (provider server source) WITH ((subscriber user) near2(identifier ID)))	(US-PGPUB; USPAT; USOCR)	OR	OFF	OFF	2024/01/27 06:59 AM

PE2E SEARCH - Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	British Equivalents	Time Stamp
N33	180	(725/14.ccls. 725/74,78-85.ccls. 725/32-36.ccls.) and (proxim$4).clm.	(US-PGPUB; USPAT)	OR	OFF	OFF	2013/10/16 06:25 PM
N34	57	(725/14.ccls. 725/74,78-85.ccls. 725/32-36.ccls.) and (proxy).clm.	(US-PGPUB; USPAT)	OR	OFF	OFF	2013/10/16 06:26 PM
N35	1193	(location near4 (ID identifier)) and "725".clas.	(US-PGPUB; USPAT)	OR	OFF	OFF	2013/10/16 06:27 PM
N36	231	(location adj (ID identifier)) and	(US-PGPUB; USPAT)	OR	OFF	OFF	2013/10/16 06:27 PM

		"725".clas.					
N60	94	H04N21/$.cpc. and (((common shar$4) near10 (ip address))).clm.	(USPAT)	OR	OFF	OFF	2016/10/18 01:16 PM
N65	117	H04N21/$.cpc. and (((common shar$4) near10 (ip address))).clm.	(USPAT)	OR	OFF	OFF	2018/04/12 06:34 PM
N66	291	H04N21/$.cpc. and (((common shar$4) near10 (ip address))).clm.	(US-PGPUB; USPAT)	OR	OFF	OFF	2018/04/12 06:34 PM
N75	321	H04N21/$.cpc. and (((common shar$4) near10 (ip address))).clm.	(US-PGPUB; USPAT)	OR	OFF	OFF	2018/12/28 04:52 PM
N76	134	H04N21/$.cpc. and (((common shar$4) near10 (ip address))).clm.	(USPAT)	OR	OFF	OFF	2018/12/28 04:52 PM
N81	0	(H04N21/$.cpc. and ((preferenc$$) with (proxim$4 nearby adjacen$4 vicinity)) with (associat$4 correlat$4 link$4)).clm.	(USPAT)	OR	ON	ON	2020/04/22 01:50 PM
N82	7	H04N21/$.cpc. and (((preferenc$$) with (proxim$4 nearby adjacen$4 vicinity)) with (associat$4 correlat$4 link$4)).clm.	(USPAT)	OR	ON	ON	2020/04/22 01:50 PM
N83	71	H04N21/$.cpc. and (((profil$4) with (proxim$4 nearby adjacen$4 vicinity)) with (associat$4 correlat$4 link$4)).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2020/04/22 01:51 PM
N84	22	H04N21/$.cpc. and (((preferenc$$) with (proxim$4 nearby adjacen$4 vicinity)) with (associat$4 correlat$4 link$4)).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2020/04/22 01:51 PM
N85	24	H04N21/$.cpc. and (((preferenc$$) with (proxim$4 nearby adjacen$4 vicinity)) with (associat$4 correlat$4 link$4)).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2021/03/10 02:46 PM
N86	76	H04N21/$.cpc. and (((profil$4) with (proxim$4 nearby	(US-PGPUB; USPAT)	OR	ON	ON	2021/03/10 02:46 PM

		adjacen$4 vicinity)) with (associat$4 correlat$4 link$4)).clm.					
N87	8	H04N21/$.cpc. and (((preferenc$$) with (proxim$4 nearby adjacen$4 vicinity)) with (associat$4 correlat$4 link$4)).clm.	(USPAT)	OR	ON	ON	2021/03/10 02:46 PM
N88	180	(725/14.ccls. 725/74,78-85.ccls. 725/32-36.ccls.) and (proxim$4).clm.	(US-PGPUB; USPAT)	OR	OFF	OFF	2013/10/16 06:25 PM
N89	57	(725/14.ccls. 725/74,78-85.ccls. 725/32-36.ccls.) and (proxy).clm.	(US-PGPUB; USPAT)	OR	OFF	OFF	2013/10/16 06:26 PM
N90	1193	(location near4 (ID identifier)) and "725".clas.	(US-PGPUB; USPAT)	OR	OFF	OFF	2013/10/16 06:27 PM
N91	231	(location adj (ID identifier)) and "725".clas.	(US-PGPUB; USPAT)	OR	OFF	OFF	2013/10/16 06:27 PM
N92	94	H04N21/$.cpc. and (((common shar$4) near10 (ip address))).clm.	(USPAT)	OR	OFF	OFF	2016/10/18 01:16 PM
N93	117	H04N21/$.cpc. and (((common shar$4) near10 (ip address))).clm.	(USPAT)	OR	OFF	OFF	2018/04/12 06:34 PM
N94	291	H04N21/$.cpc. and (((common shar$4) near10 (ip address))).clm.	(US-PGPUB; USPAT)	OR	OFF	OFF	2018/04/12 06:34 PM
N95	321	H04N21/$.cpc. and (((common shar$4) near10 (ip address))).clm.	(US-PGPUB; USPAT)	OR	OFF	OFF	2018/12/28 04:52 PM
N96	134	H04N21/$.cpc. and (((common shar$4) near10 (ip address))).clm.	(USPAT)	OR	OFF	OFF	2018/12/28 04:52 PM
N97	0	(H04N21/$.cpc. and ((preferenc$$) with (proxim$4 nearby adjacen$4 vicinity)) with (associat$4 correlat$4 link$4)).clm.	(USPAT)	OR	ON	ON	2020/04/22 01:50 PM
N98	7	H04N21/$.cpc. and (((preferenc$$) with (proxim$4 nearby adjacen$4 vicinity)) with (associat$4 correlat$4	(USPAT)	OR	ON	ON	2020/04/22 01:50 PM

		link$4)).clm.					
N99	71	H04N21/$.cpc. and (((profil$4) with (proxim$4 nearby adjacen$4 vicinity)) with (associat$4 correlat$4 link$4)).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2020/04/22 01:51 PM
N100	22	H04N21/$.cpc. and (((preferenc$$) with (proxim$4 nearby adjacen$4 vicinity)) with (associat$4 correlat$4 link$4)).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2020/04/22 01:51 PM
N101	24	H04N21/$.cpc. and (((preferenc$$) with (proxim$4 nearby adjacen$4 vicinity)) with (associat$4 correlat$4 link$4)).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2021/03/10 02:46 PM
N102	76	H04N21/$.cpc. and (((profil$4) with (proxim$4 nearby adjacen$4 vicinity)) with (associat$4 correlat$4 link$4)).clm.	(US-PGPUB; USPAT)	OR	ON	ON	2021/03/10 02:46 PM
N103	8	H04N21/$.cpc. and (((preferenc$$) with (proxim$4 nearby adjacen$4 vicinity)) with (associat$4 correlat$4 link$4)).clm.	(USPAT)	OR	ON	ON	2021/03/10 02:46 PM
N104	106	H04N21/$.cpc. AND (((common shar$4) near10 (ip address)) SAME (identifier id identifiab$4)).clm.	(US-PGPUB; USPAT)	OR	OFF	OFF	2024/01/26 04:55 PM

Main Concept Text
==========
matching personal identifiable information about a first user with a first device with information about a user of a second device based on a common ip address

(No Concept Modifiers)
==========

(No Filters)
==========

Options
=======
De-dup: None
Relevance Cut-off: None
Sort: Relevance

Content: Patents + NPL (193)
==========
US Patents
US Designs
US Applications
EPO Patents
EPO Applications
China Patents
China Applications
Japan Patents
Japan Applications
Korea Patents
Korea Applications
WIPO Applications
Argentina Patents
Argentina Applications
Brazil Patents
Brazil Applications
Canada Patents
Canada Applications
Chile Patents
Chile Applications
Colombia Applications
Costa Rica Applications
Cuba Patents
Cuba Applications
Dominican Republic Applications
Ecuador Patents
Ecuador Applications
El Salvador Applications
Guatemala Applications
Honduras Applications

Mexico Patents
Mexico Applications
Nicaragua Patents
Panama Applications
Peru Applications
Trinidad & Tobago Patents
Uruguay Applications
Austria Patents
Austria Applications
Belarus Patents
Belgium Patents
Belgium Applications
Bosnia & Herzegovina Patents
Bosnia & Herzegovina Applications
Bulgaria Patents
Bulgaria Applications
Croatia Patents
Croatia Applications
Czech Republic Patents
Czech Republic Applications
Czechoslovakia Patents
Czechoslovakia Applications
Denmark Patents
Denmark Applications
Estonia Patents
Estonia Applications
EUIPO Patents
Finland Patents
Finland Applications
France Patents
France Applications
Germany Patents
Germany Applications
Great Britain Patents
Great Britain Applications
Greece Patents
Greece Applications
Hungary Patents
Hungary Applications
Iceland Patents
Iceland Applications
Ireland Patents
Ireland Applications
Italy Patents
Italy Applications
Latvia Patents
Latvia Applications
Lithuania Patents
Lithuania Applications
Luxembourg Patents
Luxembourg Applications
Malta Patents
Monaco Patents
Montenegro Patents

Montenegro Applications
Netherlands Patents
Netherlands Applications
Norway Patents
Norway Applications
Poland Patents
Poland Applications
Portugal Patents
Portugal Applications
Republic of Moldova Patents
Republic of Moldova Applications
Romania Patents
Romania Applications
San Marino Patents
San Marino Applications
Serbia Patents
Serbia Applications
Slovakia Patents
Slovakia Applications
Slovenia Patents
Spain Patents
Spain Applications
Sweden Patents
Sweden Applications
Switzerland Patents
Switzerland Applications
Ukraine Patents
Yugoslavia/Serbia and Montenegro Patents
Yugoslavia/Serbia and Montenegro Applications
Armenia Patents
Australia Patents
Australia Applications
Cyprus Patents
Gulf Cooperation Council Patents
Hong Kong Patents
India Patents
India Applications
Indonesia Patents
Indonesia Applications
Israel Patents
Israel Applications
Jordan Patents
Jordan Applications
Kyrgyzstan Patents
Macao Applications
Malaysia Patents
Mongolia Patents
New Zealand Patents
Philippines Patents
Philippines Applications
Saudi Arabia Patents
Saudi Arabia Applications
Singapore Patents
Singapore Applications

Taiwan Patents
Taiwan Applications
Tajikistan Patents
Tajikistan Applications
Thailand Patents
Thailand Applications
Uzbekistan Patents
Vietnam Patents
Algeria Patents
ARIPO Patents
ARIPO Applications
Egypt Patents
Kenya Patents
Malawi Patents
Morocco Patents
Morocco Applications
OAPI Patents
South Africa Patents
Tunisia Applications
Zambia Patents
Zimbabwe Patents
EAPO Patents
EAPO Applications
Georgia Patents
Georgia Applications
Kazakhstan Patents
Kazakhstan Applications
Russia Patents
Russia Applications
Turkey Patents
Turkey Applications
IEEE Xplore Publications: IEEE Periodicals
IEEE Xplore Publications: IEEE Conferences
IEEE Xplore Publications: IEEE Standards
IEEE Xplore Publications: IEEE Early Access
IEEE Xplore Publications: SMPTE Periodicals
IEEE Xplore Publications: SMPTE Conferences
IEEE Xplore Publications: SMPTE Standards
IEEE Xplore Publications: MIT Press eBooks
IEEE Xplore Publications: Wiley-IEEE eBooks
IEEE Xplore Publications: IBM Periodicals
IEEE Xplore Publications: URSI Periodicals
IEEE Xplore Publications: VDE Conferences
IEEE Xplore Publications: Periodicals from China
IEEE Xplore Publications: Ericsson Technology Review
IP.com Prior Art Database: The IP.com Journal
IP.com Prior Art Database: Internet Society RFC
IP.com Prior Art Database: IBM TDB Archive
IP.com Prior Art Database: Legacy Journals
IP.com Prior Art Database: Software Patent Institute
OnePetro.org: Periodicals at OnePetro.org
OnePetro.org: Conferences at OnePetro.org
Other Literature: IBM Redbooks
Other Literature: PubMed Central

Other Literature: arXiv.org

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

PTO/SB/08a (01-10)
Approved for use through 07/31/2012. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT
(Not for submission under 37 CFR 1.99)

Application Number	18202206
Filing Date	2023-05-23
First Named Inventor	Shkedi, Roy
Art Unit	2425
Examiner Name	Alcon, Fernando
Attorney Docket Number	14-TV12-CON9

U.S.PATENTS Remove

Examiner Initial*	Cite No	Patent Number	Kind Code[1]	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	6427170		2002-12-31	Sitaraman et al.	
	2	7730030		2010-06-01	Xu	

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

U.S.PATENT APPLICATION PUBLICATIONS Remove

Examiner Initial*	Cite No	Publication Number	Kind Code[1]	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	20040128547		2004-07-01	Laidlaw et al.	

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

FOREIGN PATENT DOCUMENTS Remove

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

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

NON-PATENT LITERATURE DOCUMENTS Remove

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

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	18202206
	Filing Date	2023-05-23
	First Named Inventor	Shkedi, Roy
	Art Unit	2425
	Examiner Name	Alcon, Fernando
	Attorney Docket Number	14-TV12-CON9

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

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

EXAMINER SIGNATURE

Examiner Signature	/FERNANDO ALCON/	Date Considered	01/26/2024

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

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

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

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	18202206
	Filing Date	2023-05-23
	First Named Inventor	Shkedi, Roy
	Art Unit	2425
	Examiner Name	Alcon, Fernando
	Attorney Docket Number	14-TV12-CON9

CERTIFICATION STATEMENT

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

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

OR

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

☐ See attached certification statement.

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

☒ A certification statement is not submitted herewith.

SIGNATURE

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

Signature	/Louis J. Hoffman/	Date (YYYY-MM-DD)	2024-01-12
Name/Print	Louis J. Hoffman	Registration Number	38918

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

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

Privacy Act Statement

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

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

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

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

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

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

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

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

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

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

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

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

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventors	:	Shkedi, Roy et al.	Art Unit	:	2425 (in parent)
Serial No.	:	18/202,206	Examiner	:	Alcon, F. (in parent)
Filing Date	:	05/23/2023	Conf. No.	:	5269
Title	:	Method and computer system using proxy IP addresses and PII in measuring ad effectiveness across devices			

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

Filed via Patent Center on Dec. 6, 2023
/Louis J. Hoffman/

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Assignee discloses the references listed on attached form PTO-1449. Item Nos. 251-257 were not previously cited in parent application Serial No. 17/843,311. No new NPL or foreign references have been cited.

Also, assignee wishes to direct the examiner to the co-pending applications in the table below, which share the same first inventor, as well as the references cited therein:

Serial No.	Filing Date	Earliest Parent Filing Date
18/207,125	06/07/2023	04/17/2007
18/372,692	09/25/2023	01/30/2013
18/384,836	10/27/2023	06/16/2006 (prov.)
17/401,052	08/12/2021	06/19/2006 (prov.)
18/384,835	10/27/2023	12/31/2007

Respectfully submitted,

INTENT IQ, LLC

by its attorney

Dated: December 6, 2023

/Louis J. Hoffman/
Louis J. Hoffman, Reg. No. 38,918

LOUIS J. HOFFMAN, P.C.
7689 East Paradise Lane, Suite 2
Scottsdale, Arizona 85260
(480) 948-3295

/FERNANDO ALCON/ 01/26/2024

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

Bibliographic Data

Application No: 18/202,206

Foreign Priority claimed: ○ Yes ◉ No

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

Verified and Acknowledged: /FERNANDO ALCON/ Examiner's Signature | Initials

Title: TARGETED TELEVISION ADVERTISING BASED ON PROFILES LINKED TO MULITPLE ONLINE DEVICES

FILING or 371(c) DATE	CLASS	GROUP ART UNIT	ATTORNEY DOCKET NO.
05/25/2023	725	2425	14-TV12-CON9
RULE			

APPLICANTS

INTENT IQ, LLC,

INVENTORS

Mr. Roy Shkedi, Forest Hills, NY, UNITED STATES

Mr. Dror Ben-Yishai, Tel Mond, ISRAEL

CONTINUING DATA

This application is a CON of 17843311 06/17/2022 PAT 11689780

17843311 is a CON of 17390211 07/30/2021 PAT 11368763

17390211 is a CON of 17013368 09/04/2020 PAT 11082753

17013368 is a CON of 16556782 08/30/2019 PAT 10771860

16556782 is a CON of 16117611 08/30/2018 PAT 10405058

16117611 is a CON of 15450361 03/06/2017 PAT 10070200

15450361 is a CON of 15047386 02/18/2016 PAT 9591380

15047386 is a CON of 14790370 07/02/2015 PAT 9271024

14790370 is a CON of 14196844 03/04/2014 PAT 9078035

14196844 is a DIV of 13566881 08/03/2012 PAT 8683502

13566881 has PRO of 61514840 08/03/2011

FOREIGN APPLICATIONS

IF REQUIRED, FOREIGN LICENSE GRANTED**

06/13/2023

STATE OR COUNTRY

UNITED STATES

ADDRESS

LOUIS J. HOFFMAN, P.C.
7689 East Paradise Lane
Suite 2
Scottsdale, AZ 85260
UNITED STATES

FILING FEE RECEIVED

$4,860

Form PTO-1449 (Modified)
List of Patents and Publications For
Information Disclosure Statement

Serial No.: 18/202,206
Inventors: Shkedi, Roy et al.
Filed: 05/25/2023
Art Unit: 2425 (in parent)
Examiner: Alcon, F. (in parent)
Conf. No.: 5269

U.S. PATENT DOCUMENTS

Examiner Initials	Item	Document Number	Publication Date MM/DD/YYY	Name of Patentee or Applicant
	1	5636346	06/03/1997	Saxe
	2	5809242	09/15/1998	Shaw et al.
	3	5848396	12/08/1998	Gerace
	4	5855008	12/29/1998	Goldhaber et al.
	5	5933811	08/03/1999	Angles et al.
	6	5948061	09/07/1999	Merriman
	7	6160989	12/12/2000	Hendricks et al.
	8	6216129	04/10/2001	Eldering
	9	6366298	04/02/2002	Haitsuka et al.
	10	6377986	04/23/2002	Philyaw et al.
	11	6385592	05/07/2002	Angles et al.
	12	6446261	09/03/2002	Rosser
	13	6536041	03/18/2003	Knudson et al.
	14	6684194	01/27/2004	Eldering et al.
	15	6718551	04/06/2004	Swix et al.
	16	6771290	08/03/2004	Hoyle
	17	6845396	01/18/2005	Kanojia
	18	6868392	03/15/2005	Ogasawara
	19	7039935	05/02/2006	Knudson et al.
	20	7051351	05/23/2006	Goldman et al.
	21	7092926	08/15/2006	Cerrato
	22	7100183	08/29/2006	Kunkel et al.
	23	7152237	12/19/2006	Flickinger et al.
	24	7260823	08/21/2007	Schlack et al.
	25	7260823	08/21/2007	Schlack et al.
	26	7328448	02/05/2008	Eldering et al.
	27	7328450	02/05/2008	Macrae et al.
	28	7370073	05/06/2008	Yen et al.
	29	7370342	05/06/2008	Ismail et al.

Examiner: /FERNANDO ALCON/ Date Considered: 01/26/2024

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

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

Form PTO-1449 (Modified)
List of Patents and Publications For
Information Disclosure Statement

Serial No.: 18/202,206
Inventors: Shkedi, Roy et al.
Filed: 05/25/2023
Art Unit: 2425 (in parent)
Examiner: Alcon, F. (in parent)
Conf. No.: 5269

U.S. PATENT DOCUMENTS

Examiner Initials	Item	Document Number	Publication Date MM/DD/YYY	Name of Patentee or Applicant
	30	7486648	02/03/2009	Baranowski
	31	7490135	02/10/2009	Klug et al.
	32	7634785	12/15/2009	Smith
	33	7636672	12/22/2009	Angles et al.
	34	7739140	06/15/2010	Vinson et al.
	35	7818206	10/19/2010	Smith et al.
	36	7818763	10/19/2010	Sie et al.
	37	7840689	11/23/2010	Stewart
	38	7844985	11/30/2010	Hendricks et al.
	39	7856372	12/21/2010	Ullah
	40	7856373	12/21/2010	Ullah
	41	7899915	03/01/2011	Reisman
	42	7900229	03/01/2011	Dureau
	43	7900229	03/01/2011	Dureau
	44	7925549	04/12/2011	Looney et al.
	45	7937383	05/03/2011	Hintze et al.
	46	7941817	05/10/2011	Khusheim
	47	7987491	07/26/2011	Reisman
	48	8015286	09/06/2011	Jenkins
	49	8024454	09/20/2011	Campbell et al.
	50	8024765	09/20/2011	Ramanathan et al.
	51	8086491	12/27/2011	Matz et al.
	52	8108895	01/31/2012	Anderson et al.
	53	8132202	03/06/2012	Swix et al.
	54	8132208	03/06/2012	Gonzalez
	55	8150732	04/03/2012	Beyda et al.
	56	8166501	04/24/2012	Shikuma et al.
	57	8213426	07/03/2012	Zampiello
	58	8239886	08/07/2012	Savoor et al.

Examiner: /FERNANDO ALCON/ Date Considered: 01/26/2024

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

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

Form PTO-1449 (Modified)
List of Patents and Publications For
Information Disclosure Statement

Serial No.: 18/202,206
Inventors: Shkedi, Roy et al.
Filed: 05/25/2023
Art Unit: 2425 (in parent)
Examiner: Alcon, F. (in parent)
Conf. No.: 5269

U.S. PATENT DOCUMENTS

Examiner Initials	Item	Document Number	Publication Date MM/DD/YYY	Name of Patentee or Applicant
	59	8522271	08/27/2013	Childress et al.
	60	20010003184	06/07/2001	Ching et al.
	61	20020013943	01/31/2002	Haberman et al.
	62	20020032603	03/14/2002	Yeiser
	63	20020056088	05/09/2002	Silva Jr. et al.
	64	20020078444	06/20/2002	Krewin et al.
	65	20020082910	06/27/2002	Kontogouris
	66	20020123928	09/05/2002	Eldering et al.
	67	20020124249	09/05/2002	Shintani
	68	20020124253	09/05/2002	Eyer et al.
	69	20020129362	09/12/2002	Chang et al.
	70	20020166119	11/07/2002	Cristofalo
	71	20020194058	12/19/2002	Eldering
	72	20020194604	12/19/2002	Sanchez et al.
	73	20030051242	03/13/2003	Donnelly
	74	20030066078	04/03/2003	Bjorgan et al.
	75	20030093792	05/15/2003	Labeeb et al.
	76	20030149975	08/07/2003	Eldering et al.
	77	20030208758	11/06/2003	Schein et al.
	78	20040068744	04/08/2004	Claussen et al.
	79	20040078809	04/22/2004	Drazin
	80	20040107437	06/03/2004	Reichardt et al.
	81	20040117827	06/17/2004	Karaoguz et al.
	82	20040172650	09/02/2004	Hawkins et al.
	83	20050032529	02/10/2005	Akama
	84	20050055713	03/10/2005	Lee et al.
	85	20050108776	05/19/2005	Carver et al.
	86	20050125290	06/09/2005	Beyda et al.
	87	20050165638	07/28/2005	Piller

Examiner: /FERNANDO ALCON/ Date Considered: 01/26/2024

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

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

Form PTO-1449 (Modified)
List of Patents and Publications For Information Disclosure Statement

Serial No.: 18/202,206
Inventors: Shkedi, Roy et al.
Filed: 05/25/2023
Art Unit: 2425 (in parent)
Examiner: Alcon, F. (in parent)
Conf. No.: 5269

U.S. PATENT DOCUMENTS

Examiner Initials	Item	Document Number	Publication Date MM/DD/YYY	Name of Patentee or Applicant
	88	20050165643	07/28/2005	Wilson et al.
	89	20050165644	07/28/2005	Beyda et al.
	90	20050187823	08/25/2005	Howes
	91	20050246736	11/03/2005	Beyda et al.
	92	20050283796	12/22/2005	Flickinger
	93	20060123080	06/08/2006	Baudino et al.
	94	20060123081	06/08/2006	Baudino et al.
	95	20060205354	09/14/2006	Pirzada et al.
	96	20060248570	11/02/2006	Witwer
	97	20060253323	11/09/2006	Phan et al.
	98	20060271953	11/30/2006	Jacoby et al.
	99	20060287916	12/21/2006	Starr et al.
	100	20070038516	02/15/2007	Apple et al.
	101	20070073585	03/29/2007	Apple et al.
	102	20070089127	04/19/2007	Flickinger et al.
	103	20070100690	05/03/2007	Hopkins
	104	20070118661	05/24/2007	Vishwanathan et al.
	105	20070130015	06/07/2007	Starr et al.
	106	20070180469	08/02/2007	Finley et al.
	107	20070198532	08/23/2007	Krikorian et al.
	108	20070208619	09/06/2007	Branam et al.
	109	20070220553	09/20/2007	Branam
	110	20070266400	11/15/2007	Rogers et al.
	111	20070266403	11/15/2007	Ou et al.
	112	20070283384	12/06/2007	Haeuser et al.
	113	20070294721	12/20/2007	Haeuser et al.
	114	20080040742	02/14/2008	Howcroft et al.
	115	20080065235	03/13/2008	Igoe et al.
	116	20080109306	05/08/2008	Maigret et al.

Examiner: /FERNANDO ALCON/ Date Considered: 01/26/2024

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

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

Form PTO-1449 (Modified)
List of Patents and Publications For Information Disclosure Statement

Serial No.: 18/202,206
Inventors: Shkedi, Roy et al.
Filed: 05/25/2023
Art Unit: 2425 (in parent)
Examiner: Alcon, F. (in parent)
Conf. No.: 5269

U.S. PATENT DOCUMENTS

Examiner Initials	Item	Document Number	Publication Date MM/DD/YYY	Name of Patentee or Applicant
	117	20080109376	05/08/2008	Walsh et al.
	118	20080109843	05/08/2008	Ullah
	119	20080118063	05/22/2008	Guzman et al.
	120	20080189360	08/07/2008	Kiley et al.
	121	20080222283	09/11/2008	Ertugrul et al.
	122	20080244076	10/02/2008	Shah et al.
	123	20080255944	10/16/2008	Shah et al.
	124	20080262901	10/23/2008	Banga et al.
	125	20080275785	11/06/2008	Altberg et al.
	126	20080281699	11/13/2008	Whitehead
	127	20080300985	12/04/2008	Shamp et al.
	128	20090007171	01/01/2009	Casey et al.
	129	20090037949	02/05/2009	Birch
	130	20090044246	02/12/2009	Sheehan et al.
	131	20090049469	02/19/2009	Small et al.
	132	20090106100	04/23/2009	Mashinsky
	133	20090171780	07/02/2009	Aldrey et al.
	134	20090199230	08/06/2009	Kumar et al.
	135	20090204706	08/13/2009	Ertugrul et al.
	136	20090217324	08/27/2009	Massimi
	137	20090299857	12/03/2009	Brubaker
	138	20100058383	03/04/2010	Chang et al.
	139	20100076848	03/25/2010	Stefanik et al.
	140	20100175078	07/08/2010	Knudson et al.
	141	20100287048	11/11/2010	Ramer
	142	20110167043	07/07/2011	Hintze et al.
	143	20110258049	10/20/2011	Ramer et al.
	144	20120023522	01/26/2012	Anderson et al.
	145	20120149309	06/14/2012	Hubner et al.

Examiner: /FERNANDO ALCON/ Date Considered: 01/26/2024

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

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

Form PTO-1449 (Modified)
List of Patents and Publications For
Information Disclosure Statement

Serial No.: 18/202,206
Inventors: Shkedi, Roy et al.
Filed: 05/25/2023
Art Unit: 2425 (in parent)
Examiner: Alcon, F. (in parent)
Conf. No.: 5269

U.S. PATENT DOCUMENTS

Examiner Initials	Item	Document Number	Publication Date MM/DD/YYY	Name of Patentee or Applicant
	146	20140137149	05/15/2014	Liu
	147	6832207	12/14/2004	Shkedi
	148	6925440	08/02/2005	Shkedi
	149	6973436	12/06/2005	Shkedi
	150	7072853	07/04/2006	Shkedi
	151	7428493	09/23/2008	Shkedi
	152	7454364	11/18/2008	Shkedi
	153	7747745	06/29/2010	Shkedi
	154	7822637	10/26/2010	Shkedi
	155	7822639	10/26/2010	Shkedi
	156	7861260	12/28/2010	Shkedi
	157	7890609	02/15/2011	Shkedi
	158	7979307	07/12/2011	Shkedi
	159	8051444	11/01/2011	Shkedi
	160	8200822	06/12/2012	Shkedi
	161	8204783	06/19/2012	Shkedi
	162	8204965	06/19/2012	Shkedi
	163	8239264	08/07/2012	Shkedi
	164	8244574	08/14/2012	Shkedi
	165	8244582	08/14/2012	Shkedi
	166	8244583	08/14/2012	Shkedi
	167	8244586	08/14/2012	Shkedi
	168	8280758	10/02/2012	Shkedi
	169	8281336	10/02/2012	Shkedi
	170	8341247	12/25/2012	Shkedi
	171	8494904	07/23/2013	Shkedi
	172	8566164	10/22/2013	Shkedi
	173	8589210	11/19/2013	Shkedi
	174	8595069	11/26/2013	Shkedi

Examiner: /FERNANDO ALCON/ Date Considered: 01/26/2024

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

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

Form PTO-1449 (Modified)
List of Patents and Publications For Information Disclosure Statement

Serial No.: 18/202,206
Inventors: Shkedi, Roy et al.
Filed: 05/25/2023
Art Unit: 2425 (in parent)
Examiner: Alcon, F. (in parent)
Conf. No.: 5269

U.S. PATENT DOCUMENTS

Examiner Initials	Item	Document Number	Publication Date MM/DD/YYY	Name of Patentee or Applicant
	175	8600815	12/03/2013	Shkedi
	176	8607267	12/10/2013	Shkedi
	177	8671139	03/11/2014	Shkedi
	178	8677398	03/18/2014	Shkedi
	179	8695032	04/08/2014	Shkedi
	180	8713600	04/29/2014	Shkedi
	181	8775249	07/08/2014	Shkedi
	182	8959146	02/17/2015	Shkedi
	183	8997138	03/31/2015	Shkedi
	184	9071886	06/30/2015	Shkedi
	185	9083853	07/14/2015	Shkedi
	186	9131282	09/08/2015	Shkedi
	187	9208514	12/08/2015	Shkedi
	188	9226019	12/29/2015	Shkedi
	189	9351053	05/24/2016	Shkedi
	190	9369779	06/14/2016	Shkedi
	191	9508089	11/29/2016	Shkedi
	192	9571865	02/14/2017	Shkedi
	193	9756372	09/05/2017	Shkedi
	194	9800917	10/24/2017	Shkedi
	195	9813778	11/07/2017	Shkedi
	196	9830615	11/28/2017	Shkedi
	197	10009636	06/26/2018	Shkedi
	198	10026100	07/17/2018	Shkedi
	199	10134054	11/20/2018	Shkedi
	200	10178442	01/08/2019	Shkedi
	201	10306282	05/28/2019	Shkedi
	202	10321198	06/11/2019	Shkedi
	203	10178442	01/08/2019	Shkedi

Examiner: /FERNANDO ALCON/ Date Considered: 01/26/2024

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

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

Form PTO-1449 (Modified)
List of Patents and Publications For
Information Disclosure Statement

Serial No.: 18/202,206
Inventors: Shkedi, Roy et al.
Filed: 05/25/2023
Art Unit: 2425 (in parent)
Examiner: Alcon, F. (in parent)
Conf. No.: 5269

U.S. PATENT DOCUMENTS

Examiner Initials	Item	Document Number	Publication Date MM/DD/YYY	Name of Patentee or Applicant
	204	10475073	10/12/2019	Shkedi
	205	20050086112	04/21/2005	Shkedi
	206	20090172723	07/02/2009	Shkedi et al.
	207	20090049468	02/19/2009	Shkedi
	208	20110035256	02/10/2011	Shkedi et al.
	209	20110040607	02/17/2011	Shkedi
	210	10628857	04/21/2020	Shkedi
	211	10645438	05/05/2020	Shkedi
	212	10715878	07/14/2020	Shkedi
	213	10771860	09/08/2020	Shkedi et al.
	214	10834438	11/10/2020	Shkedi
	215	10839423	11/17/2020	Shkedi
	216	10984445	04/20/2021	Shkedi
	217	11082753	08/03/2021	Shkedi et al.
	218	11093970	08/17/2021	Shkedi
	219	11095952	08/17/2021	Shkedi et al.
	220	11282105	03/22/2022	Shkedi et al.
	221	11301898	04/12/2022	Shkedi
	222	11303973	04/12/2022	Shkedi
	223	11368763	03/10/2022	Shkedi et al.
	224	20020144281	10/03/2022	Taguchi
	225	20100333131	12/30/2010	Parker et al.
	226	20120084828	04/05/2012	Rowe et al.
	227	7958224	06/07/2011	Amjadi
	228	6034689	03/07/2000	White et al.
	229	20080113674	05/15/2008	Baig
	230	7356045	04/08/2008	Satapati et al.
	231	7899862	03/01/2011	Appelman et al.
	232	20070067459	03/22/2007	Baal-Haness

Examiner: /FERNANDO ALCON/ Date Considered: 01/26/2024

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

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

Form PTO-1449 (Modified)
List of Patents and Publications For
Information Disclosure Statement

Serial No.: 18/202,206
Inventors: Shkedi, Roy et al.
Filed: 05/25/2023
Art Unit: 2425 (in parent)
Examiner: Alcon, F. (in parent)
Conf. No.: 5269

U.S. PATENT DOCUMENTS

Examiner Initials	Item	Document Number	Publication Date MM/DD/YYY	Name of Patentee or Applicant
	233	8180674	05/15/2012	Madhavan et al.
	234	20070157247	07/05/2007	Cordray et al.
	235	7843923	11/30/2010	Baum
	236	9495682	11/15/2016	Vallier et al.
	237	8131271	03/06/2012	Ramer et al.
	238	20080281697	11/13/2008	Whitehead
	239	6915271	07/05/2005	Meyer et al.
	240	7251628	07/31/2007	Edlund et al.
	241	5835896	11/10/1998	Fisher et al.
	242	8566154	10/22/2013	Merriman et al.
	243	20050278731	12/15/2005	Cameron et al.
	244	20090119151	05/07/2009	de Heer
	245	20080120178	05/22/2008	Martinez et al.
	246	20050160002	07/21/2005	Roetter et al.
	247	11503348	11/15/2022	Shkedi
	248	11564015	01/24/2023	Shkedi
	249	20070061838	03/15/2007	Grubbs et al.
	250	20050108091	05/19/2005	Sotak et al.
	251	11589136	02/21/2023	Shkedi
	252	11610226	03/21/2023	Shkedi
	253	11689780	06/27/2023	Shkedi et al.
	254	11778249	10/03/2023	Shkedi
	255	11805300	10/31/2023	Shkedi
	256	11831964	11/28/2023	Shkedi et al.
	257	11836759	12/05/2023	Shkedi

Examiner: /FERNANDO ALCON/ Date Considered: 01/26/2024

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

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

Form PTO-1449 (Modified)
List of Patents and Publications For Information Disclosure Statement

Page 10 of 12

Serial No.: 18/202,206
Inventors: Shkedi, Roy et al.
Filed: 05/25/2023
Art Unit: 2425 (in parent)
Examiner: Alcon, F. (in parent)
Conf. No.: 5269

FOREIGN PATENT DOCUMENTS

Examiner Initials		Document Number	Publication Date MM/DD/YYYY	Name of Patentee	Translation Yes / No
_____	258	WO 2005/046237	05/19/2005	Gutta et al.	No
_____	259	KR-10-0793513	01/03/2008	ICU Research & Industrial Cooperation Group (ETRI)	Yes
_____	260	KR 10-2009-0113456	08/14/2012	SK Planet Co., Ltd.	Yes
_____	261	WO 02/19720	03/07/2002	Oracle Corporation	No
_____	262	JP 2008-217177	09/18/2008	Shigehide et al.	Yes

Examiner: /FERNANDO ALCON/ Date Considered: 01/26/2024

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

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

Form PTO-1449 (Modified)
List of Patents and Publications For Information Disclosure Statement

Serial No.: 18/202,206
Inventors: Shkedi, Roy et al.
Filed: 05/25/2023
Art Unit: 2425 (in parent)
Examiner: Alcon, F. (in parent)
Conf. No.: 5269

OTHER ART

Examiner Initials	Item	AUTHOR, Title, Date, Pertinent Pages, Etc.
	263	Battelle, John; "The Search - How Google and Its Rivals Rewrote the Rules of Business and Transformed Our Culture"; pp. 167-71; 2005.
	264	"BSkyB in Google Link-up"; Financial Times (FT.com); December 6, 2006.
	265	"Cable's Big Bet On Hyper-Targeting. Time Warner will test new software that sends different ads to different viewers."; BusinessWire online; July 4,2005.
	266	Chen, Andy; "The New Behavioral Wunder"; from webpage http://www.clickz.com; April 11, 2007.
	267	"Google moves into TV ads with BSkyB Deal"; Guardian Unlimited; December 7, 2006.
	268	Keegan, Paul; "The Man Who Can Save Advertising"; from http://money.cnn.com; November 1, 2004.
	269	Shukla, Anuradha; "Visible World Offers 'Any Screen' Solution for Customized Video Advertising"; from www.tmcnet.com; February 6, 2007.
	270	Story, Louise; "The Web drives an advertising boom without the need for agencies"; International Herald Tribune (iht.com); February 8, 2007.
	271	"This Ad's for You -- Just You"; BusinessWeek online; June 28, 2005.
	272	"TiVo Launches New Interactive Advertising Technology"; press release from www.tivo.com; July 18, 2005.
	273	"TiVo Announces First Advertising Search Product for Television"; press release from www.tivo.com; November 28, 2005.
	274	"TiVo Begins Rollout of Online Services Now Accessible Directly on the TV"; press release from www.tivo.com; December 1, 2005.
	275	"TiVo Launches Television's New Advertising Search Product"; press release from www.tivo.com; May 8, 2006.
	276	"Venture Market Summary"; VentureWire Alert; March 29, 2005.
	277	"Visible World Targets Advertising Industry"; from http://informitv.com; February 20, 2005.
	278	ZWICKY, Building Internet Firewalls (2d ed. 2000); Chapter 5

Examiner: /FERNANDO ALCON/ Date Considered: 01/26/2024

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

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

Form PTO-1449 (Modified)
List of Patents and Publications For Information Disclosure Statement

Page 12 of 12

Serial No.:	18/202,206
Inventors:	Shkedi, Roy et al.
Filed:	05/25/2023
Art Unit:	2425 (in parent)
Examiner:	Alcon, F. (in parent)
Conf. No.:	5269

OTHER ART

Examiner Initials	Item	AUTHOR, Title, Date, Pertinent Pages, Etc.
	279	Hahn, The Internet Complete Reference (2d ed. 1996); Chapters 10, 25, 26
	280	P. Srisuresh et al., Request for Comments (RFC) 2663, IP Network Translator (NAT) Terminology and Considerations, August 1999 ("RFC 2663")
	281	Peter Fletcher et al., Practical Web Traffic Analysis: Standard, Privacy, Techniques, Results (2002); Intro, Chapters 1 and 3
	282	Request for Comments (RFC) 793, Transmission Control Protocol, DARPA Internet Program Protocol Specification, September 1981 ("RFC 793")
	283	Microsoft Computer Dictionary (5th ed. 2002) (re: "redirection")

Examiner: /FERNANDO ALCON/ Date Considered: 01/26/2024

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

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

UNITED STATES
PATENT AND TRADEMARK OFFICE

P.O. Box 1450
Alexandria, VA 22313 - 1450
www.uspto.gov

ELECTRONIC ACKNOWLEDGEMENT RECEIPT

APPLICATION #	RECEIPT DATE / TIME	ATTORNEY DOCKET #
18/202,206	**01/12/2024 06:56:05 PM Z ET**	**14-TV12-CON9**

Title of Invention

TARGETED TELEVISION ADVERTISING BASED ON PROFILES LINKED TO MULITPLE ONLINE DEVICES

Application Information

APPLICATION TYPE	Utility - Nonprovisional Application under 35 USC 111(a)	PATENT #	-
CONFIRMATION #	5269	FILED BY	Michelle Lisa
PATENT CENTER #	63944723	FILING DATE	05/25/2023
CUSTOMER #	26362	FIRST NAMED INVENTOR	Mr. Roy Shkedi
CORRESPONDENCE ADDRESS	-	AUTHORIZED BY	Louis Hoffman

Documents

TOTAL DOCUMENTS: 1

DOCUMENT	PAGES	DESCRIPTION	SIZE (KB)
24-01-12-IIQ-TV12-CON9_Supp_IDS-.pdf	4	Information Disclosure Statement (IDS) Form (SB08)	598 KB

Digest

DOCUMENT	MESSAGE DIGEST(SHA-512)
24-01-12-IIQ-TV12-CON9_Supp_IDS-.pdf	678D102C7F256B0EDA74EF15D036AA70576D1917485340E33936F1532E3B991946A37E403145A5E21349AC5AB724F2A08EDFCAF1C045F8B82C276A6677AA56F3

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

New Applications Under 35 U.S.C. 111

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

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

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

New International Application Filed with the USPTO as a Receiving Office

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

PTO/SB/08a (01-10)
Approved for use through 07/31/2012. OMB 0651-0031
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Not for submission under 37 CFR 1.99)

Application Number	18202206
Filing Date	2023-05-23
First Named Inventor	Shkedi, Roy
Art Unit	2425
Examiner Name	Alcon, Fernando
Attorney Docket Number	14-TV12-CON9

U.S.PATENTS Remove

Examiner Initial*	Cite No	Patent Number	Kind Code[1]	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	6427170		2002-12-31	Sitaraman et al.	
	2	7730030		2010-06-01	Xu	

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

U.S.PATENT APPLICATION PUBLICATIONS Remove

Examiner Initial*	Cite No	Publication Number	Kind Code[1]	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1	20040128547		2004-07-01	Laidlaw et al.	

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

FOREIGN PATENT DOCUMENTS Remove

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

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

NON-PATENT LITERATURE DOCUMENTS Remove

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (**Not for submission under 37 CFR 1.99)**		
	Application Number	18202206
	Filing Date	2023-05-23
	First Named Inventor	Shkedi, Roy
	Art Unit	2425
	Examiner Name	Alcon, Fernando
	Attorney Docket Number	14-TV12-CON9

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

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

EXAMINER SIGNATURE

Examiner Signature		Date Considered	

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

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

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	18202206
	Filing Date	2023-05-23
	First Named Inventor	Shkedi, Roy
	Art Unit	2425
	Examiner Name	Alcon, Fernando
	Attorney Docket Number	14-TV12-CON9

CERTIFICATION STATEMENT

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

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

OR

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

☐ See attached certification statement.

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

☒ A certification statement is not submitted herewith.

SIGNATURE

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

Signature	/Louis J. Hoffman/	Date (YYYY-MM-DD)	2024-01-12
Name/Print	Louis J. Hoffman	Registration Number	38918

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

Privacy Act Statement

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

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

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

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

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

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

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

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

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

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

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

UNITED STATES
PATENT AND TRADEMARK OFFICE

P.O. Box 1450
Alexandria, VA 22313 - 1450
www.uspto.gov

ELECTRONIC ACKNOWLEDGEMENT RECEIPT

APPLICATION #	RECEIPT DATE / TIME	ATTORNEY DOCKET #
18/202,206	**12/06/2023 06:51:20 PM Z ET**	**14-TV12-CON9**

Title of Invention

TARGETED TELEVISION ADVERTISING BASED ON PROFILES LINKED TO MULITPLE ONLINE DEVICES

Application Information

APPLICATION TYPE	Utility - Nonprovisional Application under 35 USC 111(a)	PATENT #	-
CONFIRMATION #	5269	FILED BY	Michelle Lisa
PATENT CENTER #	63518188	FILING DATE	05/25/2023
CUSTOMER #	26362	FIRST NAMED INVENTOR	Mr. Roy Shkedi
CORRESPONDENCE ADDRESS	-	AUTHORIZED BY	Louis Hoffman

Documents

TOTAL DOCUMENTS: 3

DOCUMENT	PAGES	DESCRIPTION	SIZE (KB)
23-12-06-IIQ-TV12-CON9-PreAmSpecTitleWRemarks.pdf	9	Preliminary Amendment	1452 KB
23-12-06-IIQ-TV12_CON9-IDS_Cover.pdf	1	Transmittal Letter	458 KB
23-12-06-IIQ-TV12_CON9-FORM_1449.pdf	12	Information Disclosure Statement (IDS) Form (SB08)	547 KB

Warning: This is not a USPTO supplied IDS fillable form. Data in the form cannot be automatically loaded to other USPTO systems.

Digest

DOCUMENT	MESSAGE DIGEST(SHA-512)
23-12-06-IIQ-TV12-CON9-PreAmSpecTitleWRemarks.pdf	A4C5FA9CE9FA8567E41D5CF20521C626214FA4FA99BF4E801C1F2896C6B58A6B3D7301B638A7D51962EE01B43FBF42BD00F7101173280DFA94CE18C6BB78D6D1
23-12-06-IIQ-TV12_CON9-IDS_Cover.pdf	A8FBA517B2458B5980C22321E1D7330BAECD96FA4A600EDA66E6B3F08D51B6A22006105901687 5F85B98F3170CC8EB1F56CB1C999497610929966F8BFF1253C8
23-12-06-IIQ-TV12_CON9-FORM_1449.pdf	EB545ABB7DE3198C664E72A75D15AC78E0D084B0E5A75E8245ECFBF3A9680E344971D69D9E90CA579AC6F4FE179B6B6836F14ED17749145073704FD4C0E07A3B

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

New Applications Under 35 U.S.C. 111

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

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

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

New International Application Filed with the USPTO as a Receiving Office

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

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventors	:	Shkedi, Roy et al.	Art Unit	:	2425 (in parent)
Serial No.	:	18/202,206	Examiner	:	Alcon, F. (in parent)
Filing Date	:	05/23/2023	Conf. No.	:	5269
Title	:	Method and computer system using proxy IP addresses and PII in measuring ad effectiveness across devices			

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

Filed via Patent Center on Dec. 6, 2023
/Louis J. Hoffman/

INFORMATION DISCLOSURE STATEMENT

Dear Sir:

Assignee discloses the references listed on attached form PTO-1449. Item Nos. 251-257 were not previously cited in parent application Serial No. 17/843,311. No new NPL or foreign references have been cited.

Also, assignee wishes to direct the examiner to the co-pending applications in the table below, which share the same first inventor, as well as the references cited therein:

Serial No.	Filing Date	Earliest Parent Filing Date
18/207,125	06/07/2023	04/17/2007
18/372,692	09/25/2023	01/30/2013
18/384,836	10/27/2023	06/16/2006 (prov.)
17/401,052	08/12/2021	06/19/2006 (prov.)
18/384,835	10/27/2023	12/31/2007

Respectfully submitted,

INTENT IQ, LLC

by its attorney

Dated: December 6, 2023

/Louis J. Hoffman/
Louis J. Hoffman, Reg. No. 38,918

LOUIS J. HOFFMAN, P.C.
7689 East Paradise Lane, Suite 2
Scottsdale, Arizona 85260
(480) 948-3295

Form PTO-1449 (Modified)
List of Patents and Publications For Information Disclosure Statement

Serial No.: 18/202,206
Inventors: Shkedi, Roy et al.
Filed: 05/25/2023
Art Unit: 2425 (in parent)
Examiner: Alcon, F. (in parent)
Conf. No.: 5269

U.S. PATENT DOCUMENTS

Examiner Initials	Item	Document Number	Publication Date MM/DD/YYY	Name of Patentee or Applicant
	1	5636346	06/03/1997	Saxe
	2	5809242	09/15/1998	Shaw et al.
	3	5848396	12/08/1998	Gerace
	4	5855008	12/29/1998	Goldhaber et al.
	5	5933811	08/03/1999	Angles et al.
	6	5948061	09/07/1999	Merriman
	7	6160989	12/12/2000	Hendricks et al.
	8	6216129	04/10/2001	Eldering
	9	6366298	04/02/2002	Haitsuka et al.
	10	6377986	04/23/2002	Philyaw et al.
	11	6385592	05/07/2002	Angles et al.
	12	6446261	09/03/2002	Rosser
	13	6536041	03/18/2003	Knudson et al.
	14	6684194	01/27/2004	Eldering et al.
	15	6718551	04/06/2004	Swix et al.
	16	6771290	08/03/2004	Hoyle
	17	6845396	01/18/2005	Kanojia
	18	6868392	03/15/2005	Ogasawara
	19	7039935	05/02/2006	Knudson et al.
	20	7051351	05/23/2006	Goldman et al.
	21	7092926	08/15/2006	Cerrato
	22	7100183	08/29/2006	Kunkel et al.
	23	7152237	12/19/2006	Flickinger et al.
	24	7260823	08/21/2007	Schlack et al.
	25	7260823	08/21/2007	Schlack et al.
	26	7328448	02/05/2008	Eldering et al.
	27	7328450	02/05/2008	Macrae et al.
	28	7370073	05/06/2008	Yen et al.
	29	7370342	05/06/2008	Ismail et al.

Examiner: _____ Date Considered: _____

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

U.S. PATENT DOCUMENTS

Examiner Initials	Item	Document Number	Publication Date MM/DD/YYY	Name of Patentee or Applicant
	30	7486648	02/03/2009	Baranowski
	31	7490135	02/10/2009	Klug et al.
	32	7634785	12/15/2009	Smith
	33	7636672	12/22/2009	Angles et al.
	34	7739140	06/15/2010	Vinson et al.
	35	7818206	10/19/2010	Smith et al.
	36	7818763	10/19/2010	Sie et al.
	37	7840689	11/23/2010	Stewart
	38	7844985	11/30/2010	Hendricks et al.
	39	7856372	12/21/2010	Ullah
	40	7856373	12/21/2010	Ullah
	41	7899915	03/01/2011	Reisman
	42	7900229	03/01/2011	Dureau
	43	7900229	03/01/2011	Dureau
	44	7925549	04/12/2011	Looney et al.
	45	7937383	05/03/2011	Hintze et al.
	46	7941817	05/10/2011	Khusheim
	47	7987491	07/26/2011	Reisman
	48	8015286	09/06/2011	Jenkins
	49	8024454	09/20/2011	Campbell et al.
	50	8024765	09/20/2011	Ramanathan et al.
	51	8086491	12/27/2011	Matz et al.
	52	8108895	01/31/2012	Anderson et al.
	53	8132202	03/06/2012	Swix et al.
	54	8132208	03/06/2012	Gonzalez
	55	8150732	04/03/2012	Beyda et al.
	56	8166501	04/24/2012	Shikuma et al.
	57	8213426	07/03/2012	Zampiello
	58	8239886	08/07/2012	Savoor et al.

Examiner: _____ Date Considered: _____

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

Serial No.: 18/202,206
Inventors: Shkedi, Roy et al.
Filed: 05/25/2023
Art Unit: 2425 (in parent)
Examiner: Alcon, F. (in parent)
Conf. No.: 5269

U.S. PATENT DOCUMENTS

Examiner Initials	Item	Document Number	Publication Date MM/DD/YYY	Name of Patentee or Applicant
	59	8522271	08/27/2013	Childress et al.
	60	20010003184	06/07/2001	Ching et al.
	61	20020013943	01/31/2002	Haberman et al.
	62	20020032603	03/14/2002	Yeiser
	63	20020056088	05/09/2002	Silva Jr. et al.
	64	20020078444	06/20/2002	Krewin et al.
	65	20020082910	06/27/2002	Kontogouris
	66	20020123928	09/05/2002	Eldering et al.
	67	20020124249	09/05/2002	Shintani
	68	20020124253	09/05/2002	Eyer et al.
	69	20020129362	09/12/2002	Chang et al.
	70	20020166119	11/07/2002	Cristofalo
	71	20020194058	12/19/2002	Eldering
	72	20020194604	12/19/2002	Sanchez et al.
	73	20030051242	03/13/2003	Donnelly
	74	20030066078	04/03/2003	Bjorgan et al.
	75	20030093792	05/15/2003	Labeeb et al.
	76	20030149975	08/07/2003	Eldering et al.
	77	20030208758	11/06/2003	Schein et al.
	78	20040068744	04/08/2004	Claussen et al.
	79	20040078809	04/22/2004	Drazin
	80	20040107437	06/03/2004	Reichardt et al.
	81	20040117827	06/17/2004	Karaoguz et al.
	82	20040172650	09/02/2004	Hawkins et al.
	83	20050032529	02/10/2005	Akama
	84	20050055713	03/10/2005	Lee et al.
	85	20050108776	05/19/2005	Carver et al.
	86	20050125290	06/09/2005	Beyda et al.
	87	20050165638	07/28/2005	Piller

Examiner: _____ Date Considered: _____

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

U.S. PATENT DOCUMENTS

Examiner Initials	Item	Document Number	Publication Date MM/DD/YYY	Name of Patentee or Applicant
	88	20050165643	07/28/2005	Wilson et al.
	89	20050165644	07/28/2005	Beyda et al.
	90	20050187823	08/25/2005	Howes
	91	20050246736	11/03/2005	Beyda et al.
	92	20050283796	12/22/2005	Flickinger
	93	20060123080	06/08/2006	Baudino et al.
	94	20060123081	06/08/2006	Baudino et al.
	95	20060205354	09/14/2006	Pirzada et al.
	96	20060248570	11/02/2006	Witwer
	97	20060253323	11/09/2006	Phan et al.
	98	20060271953	11/30/2006	Jacoby et al.
	99	20060287916	12/21/2006	Starr et al.
	100	20070038516	02/15/2007	Apple et al.
	101	20070073585	03/29/2007	Apple et al.
	102	20070089127	04/19/2007	Flickinger et al.
	103	20070100690	05/03/2007	Hopkins
	104	20070118661	05/24/2007	Vishwanathan et al.
	105	20070130015	06/07/2007	Starr et al.
	106	20070180469	08/02/2007	Finley et al.
	107	20070198532	08/23/2007	Krikorian et al.
	108	20070208619	09/06/2007	Branam et al.
	109	20070220553	09/20/2007	Branam
	110	20070266400	11/15/2007	Rogers et al.
	111	20070266403	11/15/2007	Ou et al.
	112	20070283384	12/06/2007	Haeuser et al.
	113	20070294721	12/20/2007	Haeuser et al.
	114	20080040742	02/14/2008	Howcroft et al.
	115	20080065235	03/13/2008	Igoe et al.
	116	20080109306	05/08/2008	Maigret et al.

Examiner: _____ Date Considered: _____

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

U.S. PATENT DOCUMENTS

Examiner Initials	Item	Document Number	Publication Date MM/DD/YYY	Name of Patentee or Applicant
	117	20080109376	05/08/2008	Walsh et al.
	118	20080109843	05/08/2008	Ullah
	119	20080118063	05/22/2008	Guzman et al.
	120	20080189360	08/07/2008	Kiley et al.
	121	20080222283	09/11/2008	Ertugrul et al.
	122	20080244076	10/02/2008	Shah et al.
	123	20080255944	10/16/2008	Shah et al.
	124	20080262901	10/23/2008	Banga et al.
	125	20080275785	11/06/2008	Altberg et al.
	126	20080281699	11/13/2008	Whitehead
	127	20080300985	12/04/2008	Shamp et al.
	128	20090007171	01/01/2009	Casey et al.
	129	20090037949	02/05/2009	Birch
	130	20090044246	02/12/2009	Sheehan et al.
	131	20090049469	02/19/2009	Small et al.
	132	20090106100	04/23/2009	Mashinsky
	133	20090171780	07/02/2009	Aldrey et al.
	134	20090199230	08/06/2009	Kumar et al.
	135	20090204706	08/13/2009	Ertugrul et al.
	136	20090217324	08/27/2009	Massimi
	137	20090299857	12/03/2009	Brubaker
	138	20100058383	03/04/2010	Chang et al.
	139	20100076848	03/25/2010	Stefanik et al.
	140	20100175078	07/08/2010	Knudson et al.
	141	20100287048	11/11/2010	Ramer
	142	20110167043	07/07/2011	Hintze et al.
	143	20110258049	10/20/2011	Ramer et al.
	144	20120023522	01/26/2012	Anderson et al.
	145	20120149309	06/14/2012	Hubner et al.

Examiner: _____ Date Considered: _____

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

U.S. PATENT DOCUMENTS

Examiner Initials	Item	Document Number	Publication Date MM/DD/YYY	Name of Patentee or Applicant
	146	20140137149	05/15/2014	Liu
	147	6832207	12/14/2004	Shkedi
	148	6925440	08/02/2005	Shkedi
	149	6973436	12/06/2005	Shkedi
	150	7072853	07/04/2006	Shkedi
	151	7428493	09/23/2008	Shkedi
	152	7454364	11/18/2008	Shkedi
	153	7747745	06/29/2010	Shkedi
	154	7822637	10/26/2010	Shkedi
	155	7822639	10/26/2010	Shkedi
	156	7861260	12/28/2010	Shkedi
	157	7890609	02/15/2011	Shkedi
	158	7979307	07/12/2011	Shkedi
	159	8051444	11/01/2011	Shkedi
	160	8200822	06/12/2012	Shkedi
	161	8204783	06/19/2012	Shkedi
	162	8204965	06/19/2012	Shkedi
	163	8239264	08/07/2012	Shkedi
	164	8244574	08/14/2012	Shkedi
	165	8244582	08/14/2012	Shkedi
	166	8244583	08/14/2012	Shkedi
	167	8244586	08/14/2012	Shkedi
	168	8280758	10/02/2012	Shkedi
	169	8281336	10/02/2012	Shkedi
	170	8341247	12/25/2012	Shkedi
	171	8494904	07/23/2013	Shkedi
	172	8566164	10/22/2013	Shkedi
	173	8589210	11/19/2013	Shkedi
	174	8595069	11/26/2013	Shkedi

Examiner: _____ Date Considered: _____

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

U.S. PATENT DOCUMENTS

Examiner Initials	Item	Document Number	Publication Date MM/DD/YYY	Name of Patentee or Applicant
	175	8600815	12/03/2013	Shkedi
	176	8607267	12/10/2013	Shkedi
	177	8671139	03/11/2014	Shkedi
	178	8677398	03/18/2014	Shkedi
	179	8695032	04/08/2014	Shkedi
	180	8713600	04/29/2014	Shkedi
	181	8775249	07/08/2014	Shkedi
	182	8959146	02/17/2015	Shkedi
	183	8997138	03/31/2015	Shkedi
	184	9071886	06/30/2015	Shkedi
	185	9083853	07/14/2015	Shkedi
	186	9131282	09/08/2015	Shkedi
	187	9208514	12/08/2015	Shkedi
	188	9226019	12/29/2015	Shkedi
	189	9351053	05/24/2016	Shkedi
	190	9369779	06/14/2016	Shkedi
	191	9508089	11/29/2016	Shkedi
	192	9571865	02/14/2017	Shkedi
	193	9756372	09/05/2017	Shkedi
	194	9800917	10/24/2017	Shkedi
	195	9813778	11/07/2017	Shkedi
	196	9830615	11/28/2017	Shkedi
	197	10009636	06/26/2018	Shkedi
	198	10026100	07/17/2018	Shkedi
	199	10134054	11/20/2018	Shkedi
	200	10178442	01/08/2019	Shkedi
	201	10306282	05/28/2019	Shkedi
	202	10321198	06/11/2019	Shkedi
	203	10178442	01/08/2019	Shkedi

Examiner: _____ Date Considered: _____

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

Serial No.: 18/202,206
Inventors: Shkedi, Roy et al.
Filed: 05/25/2023
Art Unit: 2425 (in parent)
Examiner: Alcon, F. (in parent)
Conf. No.: 5269

U.S. PATENT DOCUMENTS

Examiner Initials	Item	Document Number	Publication Date MM/DD/YYY	Name of Patentee or Applicant
	204	10475073	10/12/2019	Shkedi
	205	20050086112	04/21/2005	Shkedi
	206	20090172723	07/02/2009	Shkedi et al.
	207	20090049468	02/19/2009	Shkedi
	208	20110035256	02/10/2011	Shkedi et al.
	209	20110040607	02/17/2011	Shkedi
	210	10628857	04/21/2020	Shkedi
	211	10645438	05/05/2020	Shkedi
	212	10715878	07/14/2020	Shkedi
	213	10771860	09/08/2020	Shkedi et al.
	214	10834438	11/10/2020	Shkedi
	215	10839423	11/17/2020	Shkedi
	216	10984445	04/20/2021	Shkedi
	217	11082753	08/03/2021	Shkedi et al.
	218	11093970	08/17/2021	Shkedi
	219	11095952	08/17/2021	Shkedi et al.
	220	11282105	03/22/2022	Shkedi et al.
	221	11301898	04/12/2022	Shkedi
	222	11303973	04/12/2022	Shkedi
	223	11368763	03/10/2022	Shkedi et al.
	224	20020144281	10/03/2022	Taguchi
	225	20100333131	12/30/2010	Parker et al.
	226	20120084828	04/05/2012	Rowe et al.
	227	7958224	06/07/2011	Amjadi
	228	6034689	03/07/2000	White et al.
	229	20080113674	05/15/2008	Baig
	230	7356045	04/08/2008	Satapati et al.
	231	7899862	03/01/2011	Appelman et al.
	232	20070067459	03/22/2007	Baal-Haness

Examiner: _____ Date Considered: _____

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

Serial No.: 18/202,206
Inventors: Shkedi, Roy et al.
Filed: 05/25/2023
Art Unit: 2425 (in parent)
Examiner: Alcon, F. (in parent)
Conf. No.: 5269

U.S. PATENT DOCUMENTS

Examiner Initials	Item	Document Number	Publication Date MM/DD/YYY	Name of Patentee or Applicant
	233	8180674	05/15/2012	Madhavan et al.
	234	20070157247	07/05/2007	Cordray et al.
	235	7843923	11/30/2010	Baum
	236	9495682	11/15/2016	Vallier et al.
	237	8131271	03/06/2012	Ramer et al.
	238	20080281697	11/13/2008	Whitehead
	239	6915271	07/05/2005	Meyer et al.
	240	7251628	07/31/2007	Edlund et al.
	241	5835896	11/10/1998	Fisher et al.
	242	8566154	10/22/2013	Merriman et al.
	243	20050278731	12/15/2005	Cameron et al.
	244	20090119151	05/07/2009	de Heer
	245	20080120178	05/22/2008	Martinez et al.
	246	20050160002	07/21/2005	Roetter et al.
	247	11503348	11/15/2022	Shkedi
	248	11564015	01/24/2023	Shkedi
	249	20070061838	03/15/2007	Grubbs et al.
	250	20050108091	05/19/2005	Sotak et al.
	251	11589136	02/21/2023	Shkedi
	252	11610226	03/21/2023	Shkedi
	253	11689780	06/27/2023	Shkedi et al.
	254	11778249	10/03/2023	Shkedi
	255	11805300	10/31/2023	Shkedi
	256	11831964	11/28/2023	Shkedi et al.
	257	11836759	12/05/2023	Shkedi

Examiner: _____ Date Considered: _____

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

FOREIGN PATENT DOCUMENTS

Examiner Initials		Document Number	Publication Date MM/DD/YYYY	Name of Patentee	Translation Yes / No
_____	258	WO 2005/046237	05/19/2005	Gutta et al.	No
_____	259	KR-10-0793513	01/03/2008	ICU Research & Industrial Cooperation Group (ETRI)	Yes
_____	260	KR 10-2009-0113456	08/14/2012	SK Planet Co., Ltd.	Yes
_____	261	WO 02/19720	03/07/2002	Oracle Corporation	No
_____	262	JP 2008-217177	09/18/2008	Shigehide et al.	Yes

Examiner: _____ Date Considered: _____

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

Serial No.:	18/202,206
Inventors:	Shkedi, Roy et al.
Filed:	05/25/2023
Art Unit:	2425 (in parent)
Examiner:	Alcon, F. (in parent)
Conf. No.:	5269

OTHER ART

Examiner Initials	Item	AUTHOR, Title, Date, Pertinent Pages, Etc.
	263	Battelle, John; "The Search - How Google and Its Rivals Rewrote the Rules of Business and Transformed Our Culture"; pp. 167-71; 2005.
	264	"BSkyB in Google Link-up"; Financial Times (FT.com); December 6, 2006.
	265	"Cable's Big Bet On Hyper-Targeting. Time Warner will test new software that sends different ads to different viewers."; BusinessWire online; July 4,2005.
	266	Chen, Andy; "The New Behavioral Wunder"; from webpage http://www.clickz.com; April 11, 2007.
	267	"Google moves into TV ads with BSkyB Deal"; Guardian Unlimited; December 7, 2006.
	268	Keegan, Paul; "The Man Who Can Save Advertising"; from http://money.cnn.com; November 1, 2004.
	269	Shukla, Anuradha; "Visible World Offers 'Any Screen' Solution for Customized Video Advertising"; from www.tmcnet.com; February 6, 2007.
	270	Story, Louise; "The Web drives an advertising boom without the need for agencies"; International Herald Tribune (iht.com); February 8, 2007.
	271	"This Ad's for You -- Just You"; BusinessWeek online; June 28, 2005.
	272	"TiVo Launches New Interactive Advertising Technology"; press release from www.tivo.com; July 18, 2005.
	273	"TiVo Announces First Advertising Search Product for Television"; press release from www.tivo.com; November 28, 2005.
	274	"TiVo Begins Rollout of Online Services Now Accessible Directly on the TV"; press release from www.tivo.com; December 1, 2005.
	275	"TiVo Launches Television's New Advertising Search Product"; press release from www.tivo.com; May 8, 2006.
	276	"Venture Market Summary"; VentureWire Alert; March 29, 2005.
	277	"Visible World Targets Advertising Industry"; from http://informitv.com; February 20, 2005.
	278	ZWICKY, Building Internet Firewalls (2d ed. 2000); Chapter 5

Examiner: _____ Date Considered: _____

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

OTHER ART

Examiner Initials	Item	AUTHOR, Title, Date, Pertinent Pages, Etc.
_____	279	Hahn, The Internet Complete Reference (2d ed. 1996); Chapters 10, 25, 26
_____	280	P. Srisuresh et al., Request for Comments (RFC) 2663, IP Network Translator (NAT) Terminology and Considerations, August 1999 ("RFC 2663")
_____	281	Peter Fletcher et al., Practical Web Traffic Analysis: Standard, Privacy, Techniques, Results (2002); Intro, Chapters 1 and 3
_____	282	Request for Comments (RFC) 793, Transmission Control Protocol, DARPA Internet Program Protocol Specification, September 1981 ("RFC 793")
_____	283	Microsoft Computer Dictionary (5th ed. 2002) (re: "redirection")

Examiner: _____ Date Considered: _____

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

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor	:	Shkedi, Roy et al.	Art Unit	:	2425 (in parent)
Serial No.	:	18/202,206	Examiner	:	Alcon, F. (in parent)
Filing Date	:	05/25/2023	Conf. No.	:	5269
Title	:	Method and computer system using proxy IP addresses and PII in measuring ad effectiveness across devices			

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

Filed via Patent Center on Dec. 6, 2023
/Louis J. Hoffman/

PRELIMINARY AMENDMENT

Dear Sir:

Before examination, applicant requests entry of the following amendments and consideration of the following remarks:

Amendments to the Specification (including title) begin on page 2.

Remarks begin on page 4.

Amendments

IN THE TITLE:

At page 1, change the title from ~~Targeted television advertising based on profiles linked to multiple online devices~~ to Method and computer system using proxy IP addresses and PII in measuring ad effectiveness across devices

At page 1, after the title, please amend the section as follows:

~~BENEFIT CLAIMS~~ CROSS-REFERENCE TO RELATED APPLICATIONS

[0001] This application is a continuation of application Serial No. 17/843,311 filed on June 17, 2022, now U.S. Patent 11,689,780, which is a continuation of application Serial No. 17/390,211 filed on July 30, 2021, now U.S. Patent 11,368,763, which is a continuation of Serial No. 17/013,368, filed September 4, 2020, now U.S. Patent 11,082,753, which is a continuation of application Serial No. 16/556,782, filed August 30, 2019, now U.S. Patent 10,771,860, which is a continuation of application Serial No. 16/117,611, filed August 30, 2018, now U.S. Patent 10,405,058, which is a continuation of application Serial No. 15/450,361, filed March 6, 2017, now U.S. Patent 10,070,200, which is a continuation of application Serial No. 15/047,386, filed February 18, 2016, now U.S. Patent 9,591,380, which is a continuation of application Serial No. 14/790,370, filed July 2, 2015, now U.S. Patent 9,271,024, which is a continuation of application Serial No. 14/196,844, filed March 4, 2014, now U.S. Patent 9,078,035, which is a division of application Serial No. 13/566,881, filed August 3, 2012, now U.S. Patent 8,683,502, which claims benefit of provisional application Serial No. 61/514,840 filed ~~08/03/2011~~ August 3, 2011, which provisional application is hereby incorporated by reference as if fully set forth herein.

At page 27, please insert the following new paragraphs after paragraph [0070]:

[0070.1] The targeted television advertisements can be selected based on receiving a notification, wherein the notification: (i) includes or references an STB identifier, and (ii) results from and signifies a television ad being presented using the STB that corresponds to the STB identifier.

[0070.2] Although the approach is described herein mostly with respect to selecting an ad for presentation via the OD2, the methods and systems disclosed herein can be used for other actions taken with respect to online activity through the OD2 subsequent to presentation of the television ad, including not only causing a selected online ad to be directed to the OD2 but also causing recording that a select online activity occurred subsequent to presentation of the television ad, which online activity was tracked from the OD2.

Remarks

In parent applications Serial Nos. 14/196,844 and 14/790,370, applicant filed specification amendments to add paragraphs [0070.1-70.2], and the examiner approved the amendments as not inserting any "new matter." The amendments in question inserted text parallel to subject matter in original claims 14, 16, and 17 (and corresponding system claims 56, 58, and 59). No new matter was inserted because the new paragraphs contained material disclosed in those claims, in the form that those claims were originally presented upon filing the original application (SN 13/566,881) as well as when filing the parent application Serial Nos. 14/196,844 and 14/790,370.

By the current amendment, applicant inserts the same paragraphs previously approved into this continuation application.

Applicant previously presented new claims 115-135 for prosecution in this application. Claim 115 is an independent claim method claim, and claim 136 is an independent system claim that is a counterpart to claim 115. Applicant now amends the title to conform to the pending claims and updates the Cross-Reference to Related Applications section (to match the information in the application data sheet presented when filing this application).

For the examiner's ease in examining this application, applicant advises that independent method claim 115 in this application is a modification of claim 1 of granted parent U.S. Patent 11,368,763, together with its dependent claim 4 of the '763 Patent, with revisions shown below. There are relations between most of the *dependent* claims and granted dependent claims of the '763 Patent as well.

A primary purpose of the changes (aside from minor grammatical corrections or conforming changes, and aside from focusing on dependent claim 4 as noted above) is to focus on actions by a party other than the "television provider (TVP)," which was the focus of claims 1 and 4 in the '763 Patent. The following compares claim 115 to USP 11,368,763, claim 1, with underlining for added words and strikeouts for deleted words:

115. (New) A method ~~implemented by a television provider (TVP) using a programmed hardware computer system, the method~~ comprising:

(a) with the ~~a programmed hardware~~ computer system automatically storing first electronic indicia of an association between a first ~~identifiable~~ online device (OD1) and a set-top box (STB) ~~of a subscriber of the TVP~~ by matching (i) first personally identifiable information (PII) about a user of the OD1, which first PII is received by the computer system from a third party ~~by the TVP as a result of a redirection of the OD1~~, with (ii) ~~stored~~ second personally identifiable information about ~~the subscriber~~ a user of the STB;

(b) with the computer system automatically ~~causing a cross-device action to be taken as between~~ measuring effectiveness of an advertisement displayed via the STB by tracking user behavior performed on a second ~~identifiable~~ online device (OD2) following delivery of the advertisement ~~and the STB of the subscriber~~, based on ~~determining~~ an association between the OD2 and the STB, which association ~~is~~ has been determined using both (i) the ~~stored~~ first electronic indicia of the association between the OD1 and the STB stored pursuant to part (a), and (ii) ~~detection by the computer system of an~~ stored second electronic indicia of an association between the OD2 and the OD1, which have been associated based on use by the OD1 of a common proxy IP address ~~during a predetermined time of day~~ and based on use by the OD2 of the common proxy IP address, wherein the common proxy IP address is an IP address through which network traffic of the OD1 and the OD2 was routed, wherein the association between the OD1 and the OD2 has been determined by a computer system located ~~is~~ outside a local area network (LAN) defined by the common proxy IP address.

Claim 4 of the '763 Patent recites: "The method of claim 1 wherein the cross-device action is with the computer system automatically measuring effectiveness of an advertisement displayed via the STB by tracking behavior performed on OD2." That dependent claim corresponds to the beginning of part (b) of claim 115 presented now, which begins as follows:

(b) with the computer system automatically ~~causing a cross-device action to be taken as between~~ measuring effectiveness of an advertisement displayed via the STB by tracking user behavior performed on a second ~~identifiable~~ online device (OD2) following delivery of the advertisement and the

In addition to the changes to part (b) derived from prior dependent claim 4 of the '763 Patent, and the changes to focus on a different party, pending claim 115 contains the following differences from claim 1 of the '763 Patent:

- The "programmed hardware computer system" is moved from the preamble to the beginning of part (a).
- The "redirection" limitations are moved to pending dependent claim 126 and its subsidiary dependent claims, as they are unnecessary here, and those limitations are generalized just to recite receipt from a third party.
- The word "identifiable" is deleted before OD1, also as unneeded.
- PII and electronic indicia are numbered "first" and "second," for added clarity. As usual, no chronological order is implied.
- The word "stored" in part (a)(ii) is deleted, also as unnecessary.
- In part (b), the "computer system" need not be the party doing the "determination" of the associations (*see* wording "has been determined") but has access to stored indicia of such associations (*see* subpart (b)(1)).
- The "time of day" limitations have been deleted, as that is not the focus of this claim set.

Despite those changes, importantly, the claim limitations related to "proxy" device OD1 serving to allow association between an OD2 and a STB—by virtue of recognizing an association between OD1 and the STB and also an association between OD2 and OD1—remain in this application's claims.

The instant specification contains the following explanations, which the examiner may find of use in reviewing this application. Regarding parties involved, [0022] identifies a "Profile provider (PP)" as follows: "An entity that has or collects profile information that is used to target advertisements. In context here, the profile provider controls or cooperates with a CAS, which receives all or part of the profile information from the profile provider for use in targeting television or online advertisements." Paragraph [0023] gives various examples of PP entities, including, especially pertinent here: "(6) a server recording an activity conducted from an online user interface device such as a click on an ad or a link to an ad, a viewing of an ad, a click on a link to particular content, a search, a request for product information, receipt of particular content, a product purchase, a telephone call made, or any other selected and definable user activity." Note also, later in that paragraph:

> "A profile provider, broadly, can be: (9) any entity able to collect behavioral profiles (e.g., observed online activity) or demographic profiles (provided by the user), typically including a device identifier (e.g., an online user interface device identifier) used when profile information was observed or collected and the date and time that profile information was observed or collected, regardless of whether or not the entity collected the profile information directly through contact with the user's computer or indirectly from another entity such as those listed in this definition. In some cases, a user's online activity will result in direct contact between the online user interface device (via an online access device) and the profile provider …. In other instances there may be no direct contact between the profile provider and the user …. In some situations, also, a profile provider might also own or otherwise control a CAS, in which case user

profiles can be immediately available to the CAS without need to transmit between entities."

Paragraph [0021] identifies a "Central Ad Server (CAS)" as "a computer server (equipment) that manages delivery of advertisements (television or online).... A third-party or remote ad server typically is remotely located and delivers advertisements of various advertisers to visitors of websites or viewers of programs of multiple publishers. The remote ad server acts as a central conduit for delivering advertisements, enabling advertisers and publishers to track the distribution of their online or television advertisements and to control the rotation and distribution of their advertisements across the Internet or television system from one location. Either a local or a remote ad server can be considered a CAS." Also see paragraph [0099]: "In some cases, the CAS can be owned by a TVP, an ISP, an STB provider, an online site, an advertiser, an advertising agency, an advertiser representative, an online ad space seller, a TV ad space owner, or a TV content provider ...."

Particularly relevant to this application's focus on tracking online user behavior to measure TV ad effectiveness is [0038], which points out: "Recording or tracking user behavior in one medium in response to observed behavior in another, and correlating those behaviors, are also desirable goals. Such capability can enable an advertiser to target future ads more accurately, to evaluate the effectiveness of particular ads or ad campaigns, or for other purposes." Also particularly relevant to that subject is paragraph [0070.2], which as noted above, derives especially from original claim 17 (dependent on original claim 14), which paragraph has been approved for entry in certain early parent applications and carried forward throughout the chain of parents.

Paragraphs [0042], [0045-47], [0089], [0092-93], [0099] describe various ways a PP can obtain from various third parties (a TVP or other) and store user information, including certain specific methods identified in various of the dependent claims presented here. Paragraphs [0090-91] describe the use of PII. Paragraphs [0065-66]

generally discuss advantages of use of the "proxy" association technique. Paragraph [0068] refers to associations being "undone," as in dependent claim 119. Paragraph [0091] discusses user "opt out," as in dependent claim 120.

In view of the above disclosure and the above explanations (and further explanations in the accompanying Information Disclosure Statement), the claims are supported and should be in condition for prompt allowance.

If the examiner believes that a terminal disclaimer is required, please feel free to telephone the undersigned for fastest allowance.

Please feel free to telephone the undersigned if it would in any way advance prosecution of this application.

Respectfully submitted,

ALMONDNET, INC.

by its attorney

Dated: December 6, 2023

/Louis J. Hoffman/
Louis J. Hoffman
Reg. No. 38,918

LOUIS J. HOFFMAN, P.C.
7689 East Paradise Lane
Suite 2
Scottsdale, Arizona 85260
(480) 948-3295

PATENT APPLICATION FEE DETERMINATION RECORD

Substitute for Form PTO-875

Application or Docket Number: 18/202,206

APPLICATION AS FILED - PART I

FOR	(Column 1) NUMBER FILED	(Column 2) NUMBER EXTRA	SMALL ENTITY RATE($)	SMALL ENTITY FEE($)	OR	OTHER THAN SMALL ENTITY RATE($)	OTHER THAN SMALL ENTITY FEE($)
BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A			N/A	320
SEARCH FEE (37 CFR 1.16(k), (i), or (m))	N/A	N/A	N/A			N/A	700
EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A			N/A	800
TOTAL CLAIMS (37 CFR 1.16(i))	34 minus 20 =	* 14			OR	x 100 =	1400
INDEPENDENT CLAIMS (37 CFR 1.16(h))	2 minus 3 =	*				x =	0
APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is $310 ($155 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).						0
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))							0
* If the difference in column 1 is less than zero, enter "0" in column 2.			TOTAL			TOTAL	3220

APPLICATION AS AMENDED - PART II

		(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	SMALL ENTITY RATE($)	SMALL ENTITY ADDITIONAL FEE($)	OR	OTHER THAN SMALL ENTITY RATE($)	OTHER THAN SMALL ENTITY ADDITIONAL FEE($)
AMENDMENT A	Total (37 CFR 1.16(i))	*	Minus	**	=	x =		OR	x =	
	Independent (37 CFR 1.16(h))	*	Minus	***	=	x =		OR	x =	
	Application Size Fee (37 CFR 1.16(s))									
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							OR		
						TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	

		(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	RATE($)	ADDITIONAL FEE($)		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))							OR		
						TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".

*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".

The "Highest Number Previously Paid For" (Total or Independent) is the highest found in the appropriate box in column 1.

UNITED STATES PATENT AND TRADEMARK OFFICE

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

APPLICATION NUMBER	FILING or 371(c) DATE	GRP ART UNIT	FIL FEE REC'D	ATTY.DOCKET.NO	TOT CLAIMS	IND CLAIMS
18/202,206	05/25/2023		3380	14-TV12-CON9	34	2

CONFIRMATION NO. 5269

UPDATED FILING RECEIPT

26362
LOUIS J. HOFFMAN, P.C.
7689 East Paradise Lane
Suite 2
Scottsdale, AZ 85260

OC000000064817103

Date Mailed: 11/21/2023

Receipt is acknowledged of this non-provisional utility patent application. The application will be taken up for examination in due course. Applicant will be notified as to the results of the examination. Any correspondence concerning the application must include the following identification information: the U.S. APPLICATION NUMBER, FILING DATE, NAME OF FIRST INVENTOR, and TITLE OF INVENTION. Fees transmitted by check or draft are subject to collection.

Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please submit a written request for a corrected Filing Receipt, including a properly marked-up ADS showing the changes with strike-through for deletions and underlining for additions. If you received a "Notice to File Missing Parts" or other Notice requiring a response for this application, please submit any request for correction to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections provided that the request is grantable.

Inventor(s)

Roy Shkedi, Forest Hills, NY;
Dror Ben-Yishai, Tel Mond, ISRAEL;

Applicant(s)

INTENT IQ, LLC, Long Island City, NY;

Power of Attorney: The patent practitioners associated with Customer Number 26362

Domestic Priority data as claimed by applicant

This application is a CON of 17/843,311 06/17/2022 PAT 11,689,780
which is a CON of 17/390,211 07/30/2021 PAT 11,368,763
which is a CON of 17/013,368 09/04/2020 PAT 11,082,753
which is a CON of 16/556,782 08/30/2019 PAT 10,771,860
which is a CON of 16/117,611 08/30/2018 PAT 10,405,058
which is a CON of 15/450,361 03/06/2017 PAT 10,070,200
which is a CON of 15/047,386 02/18/2016 PAT 9,591,380
which is a CON of 14/790,370 07/02/2015 PAT 9,271,024
which is a CON of 14/196,844 03/04/2014 PAT 9,078,035
which is a DIV of 13/566,881 08/03/2012 PAT 8,683,502
which claims benefit of 61/514,840 08/03/2011

Foreign Applications for which priority is claimed (You may be eligible to benefit from the Patent Prosecution Highway program at the USPTO. Please see http://www.uspto.gov for more information.) - None.

Foreign application information must be provided in an Application Data Sheet in order to constitute a claim to foreign priority. See 37 CFR 1.55 and 1.76.

Permission to Access Application via Priority Document Exchange: Yes

Permission to Access Search Results: Yes

Applicant may provide or rescind an authorization for access using Form PTO/SB/39 or Form PTO/SB/69 as appropriate.

If Required, Foreign Filing License Granted: 06/13/2023

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 18/202,206**

Projected Publication Date: 02/29/2024

Non-Publication Request: No

Early Publication Request: No

Title

TARGETED TELEVISION ADVERTISING BASED ON PROFILES LINKED TO MULITPLE ONLINE DEVICES

Preliminary Class

Statement under 37 CFR 1.55 or 1.78 for AIA (First Inventor to File) Transition Applications: No

PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign

patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at http://www.uspto.gov/web/offices/pac/doc/general/index.html.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, http://www.stopfakes.gov. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4258).

LICENSE FOR FOREIGN FILING UNDER

Title 35, United States Code, Section 184

Title 37, Code of Federal Regulations, 5.11 & 5.15

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Bureau of Industry and Security, Department of Commerce (15 CFR parts 730-774); the Office of Foreign AssetsControl, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

SelectUSA

The United States represents the largest, most dynamic marketplace in the world and is an unparalleled location for business investment, innovation, and commercialization of new technologies. The U.S. offers tremendous resources and advantages for those who invest and manufacture goods here. Through SelectUSA, our nation works to promote and facilitate business investment. SelectUSA provides information assistance to the international investor community; serves as an ombudsman for existing and potential investors; advocates on behalf of U.S. cities, states, and regions competing for global investment; and counsels U.S. economic development organizations on investment attraction best practices. To learn more about why the United States is the best country in the world to develop technology, manufacture products, deliver services, and grow your business, visit http://www.SelectUSA.gov or call +1-202-482-6800.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor	:	Shkedi, Roy et al.	Art Unit	:	2425 (in parent)
Serial No.	:	18/202,206	Examiner	:	Alcon, F. (in parent)
Filing Date	:	05/25/2023	Conf. No.	:	5269
Title	:	Targeted television advertising based on profiles linked to multiple online devices			

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

Filed via EFS-Web on November 14, 2023
/Louis J. Hoffman/

RESPONSE TO FORMALITIES NOTICE

Dear Sir:

In response to the June 15, 2023, Notice of Missing Parts, applicant requests entry of the following amendments and consideration of the following remarks:

Amendments to the Claims begin on page 2.

Remarks are on page 9.

An extension of time is requested, and the following fees are submitted concurrently:

Statutory basic filing fee – $320.00

Search fee – $700.00

Examination fee – $800.00

Excess claims fees (34 total, 14 in excess of 20) – $1,400.00

Surcharge under 37 C.F.R. § 1.16(f) – $160.00

Extension fee (three months) – $1,480.00

TOTAL FEES = $4,860.00

Amendments

IN THE CLAIMS:

Please amend the claims as follows:

Claims 1-114 (Canceled)

115. (New) A method comprising:

(a) with a programmed hardware computer system automatically storing first electronic indicia of an association between a first online device (OD1) and a set-top box (STB) by matching (i) first personally identifiable information (PII) about a user of the OD1, which first PII is received by the computer system from a third party, with (ii) second personally identifiable information about a user of the STB; and

(b) with the computer system automatically measuring effectiveness of an advertisement displayed via the STB by tracking user behavior performed on a second online device (OD2) following delivery of the advertisement, based on an association between the OD2 and the STB, which association has been determined using both (i) the first electronic indicia of the association between the OD1 and the STB stored pursuant to part (a), and (ii) stored second electronic indicia of an association between the OD2 and the OD1, which have been associated based on use by the OD1 of a common proxy IP address and based on use by the OD2 of the common proxy IP address, wherein the common proxy IP address is an IP address through which network traffic of the OD1 and the OD2 was routed, wherein the association between the OD1 and the OD2 has been determined by a computer system located outside a local area network (LAN) defined by the common proxy IP address.

116. (New) The method of claim 115 further comprising the computer system causing the advertisement to be displayed via the STB.

117. (New) The method of claim 115 wherein the user behavior performed on the OD2 takes place when the OD1 is not connected to the LAN.

118. (New) The method of claim 115 wherein the common proxy IP address is a dynamically assigned IP address.

119. (New) The method of claim 118 further comprising with the computer system undoing the association between the OD2 and the STB based on lack of use of the common proxy IP address by the OD2 for a predetermined period of time.

120. (New) The method of claim 115 further comprising with the computer system undoing the association between the OD2 and the STB based on receipt of a user opt-out.

121. (New) The method of claim 115 wherein the stored second electronic indicia of an association between the OD2 and the OD1 is based on the use by the OD2 of the common proxy IP address, as recorded in an electronic record, before the use by the OD1 of the common proxy IP address.

122. (New) The method of claim 115 wherein the second PII about a user of the STB is received from a television provider (TVP) that provides television service to the STB.

123. (New) The method of claim 115 wherein the second PII about a user of the STB is received from the STB.

124. (New) The method of claim 115 wherein the first PII comprises an email address.

125. (New) The method of claim 115 wherein the first PII comprises a user name.

126. (New) The method of claim 115 wherein the first PII is received by the computer system as a result of a redirection of the OD1 by equipment of a third party.

127. (New) The method of claim 126 wherein the redirection of the OD1 occurs as a result of a user of the OD1 logging into a third-party website.

128. (New) The method of claim 126 wherein the OD1 is redirected directly to the computer system.

129. (New) The method of claim 126 wherein the OD1 is redirected indirectly to the computer system via one or more intermediary servers.

130. (New) The method of claim 126 wherein the redirection of the OD1 occurs as a result of a user of the OD1 opening an email authorized by a television provider (TVP) that provides a television service to the STB.

131. (New) The method of claim 115 wherein the first PII is received by the computer system as a result of a redirection of the OD1 by a third-party website.

132. (New) The method of claim 115 wherein the first PII is received by the computer system as a result of a user of the OD1 opening an email.

133. (New) The method of claim 132 wherein the email was authorized by a television provider (TVP) that provides a television service to the STB.

134. (New) The method of claim 115 wherein the first PII is received by the computer system as a result of a user of the OD1 logging into a third-party website.

135. (New) The method of claim 134 wherein: (a) the user behavior performed on the OD2 takes place when the OD1 is not connected to the LAN; (b) the common proxy IP address is a dynamically assigned IP address; and (c) the first PII comprises an email address.

136. (New) A hardware computer system programmed to perform a method comprising:

(a) automatically storing first electronic indicia of an association between a first online device (OD1) and a set-top box (STB) by matching (i) first personally identifiable information (PII) about a user of the OD1, which first PII is received by the computer system from a third party, with (ii) second personally identifiable information about a user of the STB; and

(b) automatically measuring effectiveness of an advertisement displayed via the STB by tracking user behavior performed on a second online device (OD2) following delivery of the advertisement, based on an association between the OD2 and the STB, which association has been determined using both (i) the first electronic indicia of the association between the OD1 and the STB stored pursuant to part (a), and (ii) stored second electronic indicia of an association between the OD2 and the OD1, which have been associated based on use by the OD1 of a common proxy IP address and based on use by the OD2 of the common proxy IP address, wherein the common proxy IP address is an IP address through which network traffic of the OD1 and the OD2 was routed, wherein the association between the OD1 and the OD2 has been determined by a computer system located outside a local area network (LAN) defined by the common proxy IP address.

137. (New) The computer system of claim 136 wherein the method that the computer system is programmed to perform further comprises causing the advertisement to be displayed via the STB.

138. (New) The computer system of claim 136 wherein the computer system can perform the programmed method even when the user behavior performed on the OD2 takes place when the OD1 is not connected to the LAN.

139. (New) The computer system of claim 136 wherein the method that the computer system is programmed to perform further comprises undoing the association between the OD2 and the STB based on lack of use of the common proxy IP address by the OD2 for a predetermined period of time, wherein the common proxy IP address is a dynamically assigned IP address.

140. (New) The computer system of claim 136 wherein the method that the computer system is programmed to perform further comprises undoing the association between the OD2 and the STB based on receipt by the computer system of a user opt-out.

141. (New) The computer system of claim 136 wherein the method that the computer system is programmed to perform comprises using the second PII about a user of the STB, which second PII has been received from a television provider (TVP) that provides television service to the STB.

142. (New) The computer system of claim 136 wherein the method that the computer system is programmed to perform comprising using the second PII about a user of the STB, which second PII has been received from the STB.

143. (New) The computer system of claim 136 wherein the method that the computer system is programmed to perform comprises using the first PII that comprises an email address.

144. (New) The computer system of claim 136 wherein the method that the computer system is programmed to perform comprises using the first PII that has been received by the computer system as a result of a redirection of the OD1 by equipment of a third party.

145. (New) The computer system of claim 144 (i) wherein the method that the computer system is programmed to perform comprises using the first PII that has been

received by the computer system as a result of the redirection of the OD1, which redirection has occurred as a result of a user of the OD1 logging into a third-party website; and (ii) wherein the computer system can perform the programmed method even when the user behavior performed on the OD2 takes place when the OD1 is not connected to the LAN.

146. (New) The computer system of claim 136 wherein the method that the computer system is programmed to perform comprises using the first PII that has been received by the computer system as a result of a redirection of the OD1 by a third-party website.

147. (New) The computer system of claim 136 wherein the method that the computer system is programmed to perform comprises using the first PII that has been received by the computer system as a result of a user of the OD1 opening an email.

148. (New) The computer system of claim 136 wherein the method that the computer system is programmed to perform comprises using the first PII that has been received by the computer system as a result of a user of the OD1 logging into a third-party website.

Remarks

Assignee presents new claims 115-148 for prosecution in this application. Claims 115 and 136 are the only independent claims, and claim 136 is an apparatus counterpart of claim 115.

Please feel free to telephone the undersigned if it would in any way advance prosecution of this application.

Respectfully submitted,

ALMONDNET, INC.

by its attorney

Dated: November 14, 2023

/Louis J. Hoffman/
Louis J. Hoffman
Reg. No. 38,918

LOUIS J. HOFFMAN, P.C.
7689 East Paradise Lane
Suite 2
Scottsdale, Arizona 85260
(480) 948-3295

Electronic Patent Application Fee Transmittal

Application Number:	18202206
Filing Date:	25-May-2023
Title of Invention:	TARGETED TELEVISION ADVERTISING BASED ON PROFILES LINKED TO MULITPLE ONLINE DEVICES
First Named Inventor/Applicant Name:	Roy Shkedi
Filer:	Louis J. Hoffman/Michelle Lisa
Attorney Docket Number:	14-TV12-CON9

Filed as Large Entity

Filing Fees for Utility under 35 USC 111(a)

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Basic Filing:				
UTILITY APPLICATION FILING	1011	1	320	320
UTILITY SEARCH FEE	1111	1	700	700
UTILITY EXAMINATION FEE	1311	1	800	800
Pages:				
Claims:				
CLAIMS IN EXCESS OF 20	1202	14	100	1400
Miscellaneous-Filing:				
LATE FILING FEE FOR OATH OR DECLARATION	1051	1	160	160

Description	Fee Code	Quantity	Amount	Sub-Total in USD($)
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				
Extension - 3 months with $0 paid	1253	1	1480	1480
Miscellaneous:				
		Total in USD ($)		**4860**

Electronic Acknowledgement Receipt	
EFS ID:	48828460
Application Number:	18202206
International Application Number:	
Confirmation Number:	5269
Title of Invention:	TARGETED TELEVISION ADVERTISING BASED ON PROFILES LINKED TO MULITPLE ONLINE DEVICES
First Named Inventor/Applicant Name:	Roy Shkedi
Customer Number:	26362
Filer:	Louis J. Hoffman/Michelle Lisa
Filer Authorized By:	Louis J. Hoffman
Attorney Docket Number:	14-TV12-CON9
Receipt Date:	14-NOV-2023
Filing Date:	25-MAY-2023
Time Stamp:	22:39:21
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	yes
Payment Type	CARD
Payment was successfully received in RAM	$4860
RAM confirmation Number	E2023ADM40259613
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		23-11-14-IIQ-TV12-CON9-RT_Ntc_Missing_Parts.pdf	468702 b1d4389b106dd7c32380b40301c4ceccfec3de8f	yes	8
	Multipart Description/PDF files in .zip description				
	Document Description		**Start**	**End**	
	Applicant Response to Pre-Exam Formalities Notice		1	1	
	Claims		2	7	
	Applicant Arguments/Remarks Made in an Amendment		8	8	
Warnings:					
Information:					
2	Fee Worksheet (SB06)	fee-info.pdf	51491 add8138717575311f10ab53ce160897f7294abd7	no	2
Warnings:					
Information:					
		Total Files Size (in bytes):	520193		

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

New Applications Under 35 U.S.C. 111

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

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

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

New International Application Filed with the USPTO as a Receiving Office

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

UNITED STATES PATENT AND TRADEMARK OFFICE

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

APPLICATION NUMBER	FILING or 371(c) DATE	GRP ART UNIT	FIL FEE REC'D	ATTY.DOCKET.NO	TOT CLAIMS	IND CLAIMS
18/202,206	05/25/2023		0	14-TV12-CON9	114	9

CONFIRMATION NO. 5269

26362
LOUIS J. HOFFMAN, P.C.
7689 East Paradise Lane
Suite 2
Scottsdale, AZ 85260

FILING RECEIPT

OC00000005822370 8

Date Mailed: 06/15/2023

Receipt is acknowledged of this non-provisional utility patent application. The application will be taken up for examination in due course. Applicant will be notified as to the results of the examination. Any correspondence concerning the application must include the following identification information: the U.S. APPLICATION NUMBER, FILING DATE, NAME OF FIRST INVENTOR, and TITLE OF INVENTION. Fees transmitted by check or draft are subject to collection.

Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please submit a written request for a corrected Filing Receipt, including a properly marked-up ADS showing the changes with strike-through for deletions and underlining for additions. If you received a "Notice to File Missing Parts" or other Notice requiring a response for this application, please submit any request for correction to this Filing Receipt with your reply to the Notice. When the USPTO processes the reply to the Notice, the USPTO will generate another Filing Receipt incorporating the requested corrections provided that the request is grantable.

Inventor(s)

Roy Shkedi, Forest Hills, NY;
Dror Ben-Yishai, Tel Mond, ISRAEL;

Applicant(s)

INTENT IQ, LLC, Long Island City, NY;

Power of Attorney: The patent practitioners associated with Customer Number 26362

Domestic Priority data as claimed by applicant

This application is a CON of 17/843,311 06/17/2022 PAT 11,689,780
which is a CON of 17/390,211 07/30/2021 PAT 11,368,763
which is a CON of 17/013,368 09/04/2020 PAT 11,082,753
which is a CON of 16/556,782 08/30/2019 PAT 10,771,860
which is a CON of 16/117,611 08/30/2018 PAT 10,405,058
which is a CON of 15/450,361 03/06/2017 PAT 10,070,200
which is a CON of 15/047,386 02/18/2016 PAT 9,591,380
which is a CON of 14/790,370 07/02/2015 PAT 9,271,024
which is a CON of 14/196,844 03/04/2014 PAT 9,078,035
which is a DIV of 13/566,881 08/03/2012 PAT 8,683,502
which claims benefit of 61/514,840 08/03/2011

Foreign Applications for which priority is claimed (You may be eligible to benefit from the **Patent Prosecution Highway** program at the USPTO. Please see http://www.uspto.gov for more information.) - None.

Foreign application information must be provided in an Application Data Sheet in order to constitute a claim to foreign priority. See 37 CFR 1.55 and 1.76.

Permission to Access Application via Priority Document Exchange: Yes

Permission to Access Search Results: Yes

Applicant may provide or rescind an authorization for access using Form PTO/SB/39 or Form PTO/SB/69 as appropriate.

If Required, Foreign Filing License Granted: 06/13/2023

The country code and number of your priority application, to be used for filing abroad under the Paris Convention, is **US 18/202,206**

Projected Publication Date: To Be Determined - pending completion of Missing Parts.

Non-Publication Request: No

Early Publication Request: No

Title

TARGETED TELEVISION ADVERTISING BASED ON PROFILES LINKED TO MULITPLE ONLINE DEVICES

Preliminary Class

Statement under 37 CFR 1.55 or 1.78 for AIA (First Inventor to File) Transition Applications: No

PROTECTING YOUR INVENTION OUTSIDE THE UNITED STATES

Since the rights granted by a U.S. patent extend only throughout the territory of the United States and have no effect in a foreign country, an inventor who wishes patent protection in another country must apply for a patent in a specific country or in regional patent offices. Applicants may wish to consider the filing of an international application under the Patent Cooperation Treaty (PCT). An international (PCT) application generally has the same effect as a regular national patent application in each PCT-member country. The PCT process **simplifies** the filing of patent applications on the same invention in member countries, but **does not result** in a grant of "an international patent" and does not eliminate the need of applicants to file additional documents and fees in countries where patent protection is desired.

Almost every country has its own patent law, and a person desiring a patent in a particular country must make an application for patent in that country in accordance with its particular laws. Since the laws of many countries differ in various respects from the patent law of the United States, applicants are advised to seek guidance from specific foreign countries to ensure that patent rights are not lost prematurely.

Applicants also are advised that in the case of inventions made in the United States, the Director of the USPTO must issue a license before applicants can apply for a patent in a foreign country. The filing of a U.S. patent application serves as a request for a foreign filing license. The application's filing receipt contains further information and guidance as to the status of applicant's license for foreign filing.

Applicants may wish to consult the USPTO booklet, "General Information Concerning Patents" (specifically, the section entitled "Treaties and Foreign Patents") for more information on timeframes and deadlines for filing foreign

patent applications. The guide is available either by contacting the USPTO Contact Center at 800-786-9199, or it can be viewed on the USPTO website at http://www.uspto.gov/web/offices/pac/doc/general/index.html.

For information on preventing theft of your intellectual property (patents, trademarks and copyrights), you may wish to consult the U.S. Government website, http://www.stopfakes.gov. Part of a Department of Commerce initiative, this website includes self-help "toolkits" giving innovators guidance on how to protect intellectual property in specific countries such as China, Korea and Mexico. For questions regarding patent enforcement issues, applicants may call the U.S. Government hotline at 1-866-999-HALT (1-866-999-4258).

LICENSE FOR FOREIGN FILING UNDER

Title 35, United States Code, Section 184

Title 37, Code of Federal Regulations, 5.11 & 5.15

GRANTED

The applicant has been granted a license under 35 U.S.C. 184, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" followed by a date appears on this form. Such licenses are issued in all applications where the conditions for issuance of a license have been met, regardless of whether or not a license may be required as set forth in 37 CFR 5.15. The scope and limitations of this license are set forth in 37 CFR 5.15(a) unless an earlier license has been issued under 37 CFR 5.15(b). The license is subject to revocation upon written notification. The date indicated is the effective date of the license, unless an earlier license of similar scope has been granted under 37 CFR 5.13 or 5.14.

This license is to be retained by the licensee and may be used at any time on or after the effective date thereof unless it is revoked. This license is automatically transferred to any related applications(s) filed under 37 CFR 1.53(d). This license is not retroactive.

The grant of a license does not in any way lessen the responsibility of a licensee for the security of the subject matter as imposed by any Government contract or the provisions of existing laws relating to espionage and the national security or the export of technical data. Licensees should apprise themselves of current regulations especially with respect to certain countries, of other agencies, particularly the Office of Defense Trade Controls, Department of State (with respect to Arms, Munitions and Implements of War (22 CFR 121-128)); the Bureau of Industry and Security, Department of Commerce (15 CFR parts 730-774); the Office of Foreign AssetsControl, Department of Treasury (31 CFR Parts 500+) and the Department of Energy.

NOT GRANTED

No license under 35 U.S.C. 184 has been granted at this time, if the phrase "IF REQUIRED, FOREIGN FILING LICENSE GRANTED" DOES NOT appear on this form. Applicant may still petition for a license under 37 CFR 5.12, if a license is desired before the expiration of 6 months from the filing date of the application. If 6 months has lapsed from the filing date of this application and the licensee has not received any indication of a secrecy order under 35 U.S.C. 181, the licensee may foreign file the application pursuant to 37 CFR 5.15(b).

SelectUSA

The United States represents the largest, most dynamic marketplace in the world and is an unparalleled location for business investment, innovation, and commercialization of new technologies. The U.S. offers tremendous resources and advantages for those who invest and manufacture goods here. Through SelectUSA, our nation works to promote and facilitate business investment. SelectUSA provides information assistance to the international investor community; serves as an ombudsman for existing and potential investors; advocates on behalf of U.S. cities, states, and regions competing for global investment; and counsels U.S. economic development organizations on investment attraction best practices. To learn more about why the United States is the best country in the world to develop technology, manufacture products, deliver services, and grow your business, visit http://www.SelectUSA.gov or call +1-202-482-6800.

PATENT APPLICATION FEE DETERMINATION RECORD

Substitute for Form PTO-875

Application or Docket Number: 18/202,206

APPLICATION AS FILED - PART I

FOR	(Column 1) NUMBER FILED	(Column 2) NUMBER EXTRA	SMALL ENTITY RATE($)	SMALL ENTITY FEE($)	OR	OTHER THAN SMALL ENTITY RATE($)	OTHER THAN SMALL ENTITY FEE($)
BASIC FEE (37 CFR 1.16(a), (b), or (c))	N/A	N/A	N/A			N/A	320
SEARCH FEE (37 CFR 1.16(k), (i), or (m))	N/A	N/A	N/A			N/A	700
EXAMINATION FEE (37 CFR 1.16(o), (p), or (q))	N/A	N/A	N/A			N/A	800
TOTAL CLAIMS (37 CFR 1.16(i))	114 minus 20 =	* 94			OR	x 100 =	9400
INDEPENDENT CLAIMS (37 CFR 1.16(h))	9 minus 3 =	* 6				x 480 =	2880
APPLICATION SIZE FEE (37 CFR 1.16(s))	If the specification and drawings exceed 100 sheets of paper, the application size fee due is $310 ($155 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).						0
MULTIPLE DEPENDENT CLAIM PRESENT (37 CFR 1.16(j))							0
* If the difference in column 1 is less than zero, enter "0" in column 2.			TOTAL			TOTAL	4700

APPLICATION AS AMENDED - PART II

		(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	SMALL ENTITY RATE($)	SMALL ENTITY ADDITIONAL FEE($)	OR	OTHER THAN SMALL ENTITY RATE($)	OTHER THAN SMALL ENTITY ADDITIONAL FEE($)
AMENDMENT A	Total (37 CFR 1.16(i))	*	Minus	**	=	x =		OR	x =	
	Independent (37 CFR 1.16(h))	*	Minus	***	=	x =		OR	x =	
	Application Size Fee (37 CFR 1.16(s))									
	FIRST PRESENTATION OF MULTIPLE DEPENDENT CLAIM (37 CFR 1.16(j))							OR		
						TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	

		(Column 1) CLAIMS REMAINING AFTER AMENDMENT		(Column 2) HIGHEST NUMBER PREVIOUSLY PAID FOR	(Column 3) PRESENT EXTRA	RATE($)	ADDITIONAL FEE($)		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))							OR		
						TOTAL ADD'L FEE		OR	TOTAL ADD'L FEE	

* If the entry in column 1 is less than the entry in column 2, write "0" in column 3.

** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, enter "20".

*** If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, enter "3".

The "Highest Number Previously Paid For" (Total or Independent) is the highest found in the appropriate box in column 1.

UNITED STATES PATENT AND TRADEMARK OFFICE

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

APPLICATION NUMBER	FILING OR 371(C) DATE	FIRST NAMED APPLICANT	ATTY. DOCKET NO./TITLE
18/202,206	05/25/2023	Roy Shkedi	14-TV12-CON9

CONFIRMATION NO. 5269

26362
LOUIS J. HOFFMAN, P.C.
7689 East Paradise Lane
Suite 2
Scottsdale, AZ 85260

FORMALITIES LETTER

OC000000058223730

Date Mailed: 06/15/2023

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to the above-identified nonprovisional application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee has not been received.
- The application search fee must be submitted.
- The application examination fee must be submitted.
- Additional claim fees of $**12280** as an undiscounted entity, including any required multiple dependent claim fee, are required. Applicant must submit the additional claim fees or cancel the additional claims for which fees are due.
- Surcharge as set forth in 37 CFR 1.16(f) has not been received.

  The surcharge is due for any one of:
  - late submission of the basic filing fee, search fee, or examination fee,
  - late submission of inventor's oath or declaration,
  - filing an application that does not contain at least one claim on filing, or
  - submission of an application filed by reference to a previously filed application.

SUMMARY OF FEES DUE:

The fee(s) required (including the fees noted above) are as follows. No entity status discount is in effect. If applicant is qualified for small entity status, a written assertion of small entity status must be submitted to establish small entity status. (See 37 CFR 1.27). If applicant is qualified for micro entity status, an acceptable Certification of Micro Entity Status must be submitted to establish micro entity status. (See 37 CFR 1.29 and forms PTO/SB/15A and 15B.)

- $**320** basic filing fee.
- $**160** surcharge.
- $**700** search fee.
- $**800** examination fee.

- $**2880** for 6 independent claims over 3.
- $**9400** for 94 total claims over 20.
- $(**0**) previous unapplied payment amount.
- $**14260** TOTAL FEE BALANCE DUE.

Replies must be received in the USPTO within the set time period or must include a proper Certificate of Mailing or Transmission under 37 CFR 1.8 with a mailing or transmission date within the set time period. For more information and a suggested format, see Form PTO/SB/92 and MPEP 512.

Replies should be addressed to:

Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria VA 22313-1450

REPLY VIA ELECTRONIC FILING

A reply may be submitted via electronic filing only by registered users of the appropriate USPTO patent electronic filing system and must include:

- A separate document having the document description, "**Applicant response to Pre-Exam Formalities Notice**"; and
- the item(s) for which a reply period is set forth above.

For more information about electronic filing, contact the Patent Electronic Business Center (EBC) 1-866-217-9197 or visit https://www.uspto.gov/ebc

NOTE: If the reply is not being submitted electronically, a copy of this notice must be included.

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**.

/k redman/

Doc Code: PA..
Document Description: Power of Attorney

PTO/AIA/82A (07-13)
Approved for use through 11/30/2014. OMB 0651-0051
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FOR POWER OF ATTORNEY TO ONE OR MORE REGISTERED PRACTITIONERS

NOTE: This form is to be submitted with the Power of Attorney by Applicant form (PTO/AIA/82B) to identify the application to which the Power of Attorney is directed, in accordance with 37 CFR 1.5, unless the application number and filing date are identified in the Power of Attorney by Applicant form. If neither form PTO/AIA/82A nor form PTO/AIA82B identifies the application to which the Power of Attorney is directed, the Power of Attorney will not be recognized in the application.

Application Number	18/202,206
Filing Date	05/25/2023
First Named Inventor	Shkedi, Roy
Title	Methods of using proxy IP addresses and redirection for cross-device actions
Art Unit	2425 (in parent app.)
Examiner Name	Alcon, Fernando (in parent app.)
Attorney Docket Number	14-TV12-CON9

SIGNATURE of Applicant or Patent Practitioner

Signature	/Louis J. Hoffman/	Date (Optional)	05-25-2023
Name	Louis J. Hoffman, P.C.	Registration Number	38,918
Title (if Applicant is a juristic entity)			
Applicant Name (if Applicant is a juristic entity)			

NOTE: This form must be signed in accordance with 37 CFR 1.33. See 37 CFR 1.4(d) for signature requirements and certifications. If more than one applicant, use multiple forms.

☑ *Total of 1 forms are submitted.

This collection of information is required by 37 CFR 1.131, 1.32, and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 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.

Doc Code: PA..
Document Description: Power of Attorney

PTO/AIA/82B (07-13)
Approved for use through 11/30/2014. OMB 0651-0051
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number

POWER OF ATTORNEY BY APPLICANT

I hereby revoke all previous powers of attorney given in the application identified in either the attached transmittal letter or the boxes below.

Application Number	Filing Date
14/196,844	03/04/2014

(Note: The boxes above may be left blank if information is provided on form PTO/AIA/82A.)

☑ I hereby appoint the Patent Practitioner(s) associated with the following Customer Number as my/our attorney(s) or agent(s), and to transact all business in the United States Patent and Trademark Office connected therewith for the application referenced in the attached transmittal letter (form PTO/AIA/82A) or identified above: 26362

OR

☐ I hereby appoint Practitioner(s) named in the attached list (form PTO/AIA/82C) as my/our attorney(s) or agent(s), and to transact all business in the United States Patent and Trademark Office connected therewith for the patent application referenced in the attached transmittal letter (form PTO/AIA/82A) or identified above. (Note: Complete form PTO/AIA/82C.)

Please recognize or change the correspondence address for the application identified in the attached transmittal letter or the boxes above to:

☑ The address associated with the above-mentioned Customer Number

OR

☐ The address associated with Customer Number:

OR

Firm or Individual Name					
Address					
City		State		Zip	
Country					
Telephone		Email			

I am the Applicant (if the Applicant is a juristic entity, list the Applicant name in the box):

Intent IQ, LLC

☐ Inventor or Joint Inventor (title not required below)

☐ Legal Representative of a Deceased or Legally Incapacitated Inventor (title not required below)

☑ Assignee or Person to Whom the Inventor is Under an Obligation to Assign (provide signer's title if applicant is a juristic entity)

☐ Person Who Otherwise Shows Sufficient Proprietary Interest (e.g., a petition under 37 CFR 1.46(b)(2) was granted in the application or is concurrently being filed with this document) (provide signer's title if applicant is a juristic entity)

SIGNATURE of Applicant for Patent

The undersigned (whose title is supplied below) is authorized to act on behalf of the applicant (e.g., where the applicant is a juristic entity).

Signature	Roy Shkedi	Date (Optional)	
Name	Roy Shkedi		
Title	Chairman		

NOTE: Signature - This form must be signed by the applicant in accordance with 37 CFR 1.33. See 37 CFR 1.4 for signature requirements and certifications. If more than one applicant, use multiple forms.

☑ Total of 1 forms are submitted.

This collection of information is required by 37 CFR 1.131, 1.32, and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 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.

Electronic Acknowledgement Receipt	
EFS ID:	48061009
Application Number:	18202206
International Application Number:	
Confirmation Number:	5269
Title of Invention:	Methods of using proxy IP addresses and redirection for cross-device actions
First Named Inventor/Applicant Name:	Roy Shkedi
Customer Number:	26362
Filer:	Louis J. Hoffman/Michelle Lisa
Filer Authorized By:	Louis J. Hoffman
Attorney Docket Number:	14-TV12-CON9
Receipt Date:	25-MAY-2023
Filing Date:	
Time Stamp:	18:51:00
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	23-05-25-IIQ-TV12_CON9-POA.pdf	270201 ea22282aa4a9eddcc39ffb5c2c77facc97bf06ff	no	2

Warnings:

Information:	
Total Files Size (in bytes):	270201

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

New Applications Under 35 U.S.C. 111
If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.
National Stage of an International Application under 35 U.S.C. 371
If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.
New International Application Filed with the USPTO as a Receiving Office
If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

PTO/AIA/15 (10-17)
Approved for use through 11/30/2020. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995 no persons are required to respond to a collection of information unless it displays a valid OMB control number.

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.	14-TV12-CON9
First Named Inventor	Shkedi, Roy
Title	Methods of using proxy IP addresses and redirection for cross-device actions
Priority Mail Express® Label No.	n/a - filed via EFS-Web

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☐ **Fee Transmittal Form** (PTO/SB/17 or equivalent)
2. ☐ **Applicant asserts small entity status.** See 37 CFR 1.27
3. ☐ **Applicant certifies micro entity status.** See 37 CFR 1.29. Applicant must attach form PTO/SB/15A or B or equivalent.
4. ☑ **Specification** [*Total Pages* 65] Both the claims and abstract must start on a new page. *(See MPEP § 608.01(a) for information on the preferred arrangement)*
5. ☐ **Drawing(s)** (35 U.S.C. 113) [*Total Sheets* ____]
6. **Inventor's Oath or Declaration** [*Total Pages* 2] *(including substitute statements under 37 CFR 1.64 and assignments serving as an oath or declaration under 37 CFR 1.63(e))*
   a. ☐ Newly executed (original or copy)
   b. ☑ A copy from a prior application (37 CFR 1.63(d))
7. ☑ **Application Data Sheet** ** See note below.* See 37 CFR 1.76 (PTO/AIA/14 or equivalent)
8. **CD-ROM or CD-R** in duplicate, large table, or Computer Program (*Appendix*)
   ☐ Landscape Table on CD
9. **Nucleotide and/or Amino Acid Sequence Submission** (*if applicable, items a. – c. are required*)
   a. ☐ Computer Readable Form (CRF)
   b. ☐ Specification Sequence Listing on:
      i. ☐ CD-ROM or CD-R (2 copies); or
      ii. ☐ Paper
   c. ☐ Statements verifying identity of above copies

ADDRESS TO: **Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450**

ACCOMPANYING APPLICATION PAPERS

10. ☐ **Assignment Papers** (cover sheet & document(s)) Name of Assignee ____
11. ☐ **37 CFR 3.73(c) Statement** (*when there is an assignee*) ☑ **Power of Attorney**
12. ☐ **English Translation Document** (*if applicable*)
13. ☐ **Information Disclosure Statement** (PTO/SB/08 or PTO-1449)
    ☐ Copies of citations attached
14. ☐ **Preliminary Amendment**
15. ☐ **Return Receipt Postcard** (*MPEP § 503*) (*Should be specifically itemized*)
16. ☐ **Certified Copy of Priority Document(s)** (*if foreign priority is claimed*)
17. ☐ **Nonpublication Request** Under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or equivalent.
18. ☐ **Other:** ____

*Note: (1) Benefit claims under 37 CFR 1.78 and foreign priority claims under 1.55 **must** be included in an Application Data Sheet (ADS).
(2) For applications filed under 35 U.S.C. 111, the application must contain an ADS specifying the applicant if the applicant is an assignee, person to whom the inventor is under an obligation to assign, or person who otherwise shows sufficient proprietary interest in the matter. See 37 CFR 1.46(b).

19. CORRESPONDENCE ADDRESS

☑ The address associated with Customer Number: 26362 **OR** ☐ Correspondence address below

Name					
Address					
City		State		Zip Code	
Country		Telephone		Email	

Signature	/Louis J. Hoffman/	Date	05/25/2023
Name (Print/Type)	Louis J. Hoffman	Registration No. (Attorney/Agent)	38918

This collection of information is required by 37 CFR 1.53(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. 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.

TARGETED TELEVISION ADVERTISING BASED ON PROFILES LINKED TO MULITPLE ONLINE DEVICES

Inventors: Roy Shkedi and Dror Ben-Yishai

BENEFIT CLAIMS TO RELATED APPLICATIONS

[0001] This application claims benefit of provisional application Serial No. 61/514,840 filed 08/03/2011, which application is hereby incorporated by reference as if fully set forth herein.

BACKGROUND

[0002] The field of the present invention relates to correlating or targeting actions or activities pertaining to online devices (such as desktop computers, portable computers, tablets, mobile phones or smartphones; referred to herein as ODs) and set-top boxes (referred to herein as STBs). In particular, methods are disclosed whereby television advertising delivered to a specific set-top box can be targeted based on user profile information arising from multiple online devices, only one of which needs to be directly associated with the set-top box.

[0003] Systems or methods disclosed herein may be related to subject matter disclosed in:

- U.S. non-provisional App. Serial No. 09/593,993 filed 06/14/2000 (now U.S. Patent 6,925,440);
- U.S. non-provisional App. Serial No. 11/099,861 filed 04/06/2005 (now U.S. Patent 7,428,493);
- U.S. non-provisional App. Serial No. 11/736,544 filed 04/17/2007 (now U.S. Patent 7,861,260);
- U.S. non-provisional App. Serial No. 11/968,117 filed 12/31/2007 (U.S. Patent Pub. 2009/0172728 A1);
- U.S. non-provisional App. Serial No. 12/131,798 filed 06/02/2008 (U.S. Patent Pub. 2009/0300675 A1);
- U.S. non-provisional App. Serial No. 12/131,824 filed 06/02/2008 (U.S. Patent Pub. 2009/0299843 A1);
- U.S. non-provisional App. Serial No. 12/186,918 filed 08/06/2008 (U.S. Patent Pub. 2008/0313194 A1);
- U.S. non-provisional App. Serial No. 12/257,386 filed 10/23/2008 (U.S. Patent Pub. 2009/0049468 A1);
- U.S. non-provisional App. Serial No. 12/688,731 filed 01/15/2010 (now U.S. Patent 7,890,609);
- U.S. non-provisional App. Serial No. 12/860,666 filed 08/20/2010 (U.S. Patent Pub. 2010/0325659 A1);

- U.S. non-provisional App. Serial No. 12/906,007 filed 10/15/2010 (not yet published);
- U.S. provisional App. Serial No. 61/393,834 filed 10/15/2010; and
- U.S. non-provisional App. Serial No. 12/981,925 filed 12/30/2010 (U.S. Patent Pub. 2011/0099576 A1).

[0004] Each of the above-listed applications and publications is hereby incorporated by reference. Although the applications listed use similar terminology, there are some differences between terminology used in those applications and that used in the present disclosure. The definitions or descriptions set forth in the present disclosure shall apply herein if inconsistent.

[0005] Some of the terms used in the present disclosure are defined as follows.

[0006] Television provider (TVP) – an entity that provides television service to a subscriber or user via any suitable transmission medium, including but not limited to coaxial cable, fiber-optical cable, network cable, phone line, satellite transmission, cellular transmission, 3G transmission, 4G transmission, WiMax transmission, WiFi transmission, other IEEE 802 transmission, or VHF or UHF transmission. As is common in the art, in some contexts, reference to a TVP may refer to the computer systems or other equipment controlled by the entity rather than the entity itself.

[0007] Internet service provider (ISP; equivalently, an online access provider) – an entity that provides online access to a subscriber or user via any suitable transmission medium, including but not limited to coaxial cable, fiber-optical cable, network cable, phone line, satellite transmission, wireless transmission (*e.g.*, 3G, 4G, WiMax, WiFi, or other IEEE 802 wireless protocols), or VHF or UHF transmission. The online access enables the subscriber to access the Internet and its myriad online sites, or to access any future network successor to the Internet. As is common in the art, in some contexts, reference to an ISP may refer to the computer systems or other equipment controlled by the entity rather than the entity itself.

[0008] ISP/TVP – in some instances a single entity (or providers controlled by a single entity) can provide to one or more subscribers or users both television service and online access. Such an entity is referred to herein as an ISP/TVP. Although an ISP and

a TVP may be represented schematically in the drawings by separate labeled boxes, the drawings are intended to encompass instances in which the ISP and the TVP are independent entities as well as other instances in which a common ISP/TVP provides both services.

[0009] Set-top box (STB) – a device that connects a television and a signal source. As is recognized by those of skill in the art, a "television" is any device known in the art or developed hereafter that is capable of presenting television content to a viewer or user, *e.g.*, a CRT or flat panel television set, a home theater system, a computer monitor, a tablet computing device, or a mobile phone or other handheld device. Some examples of STBs include cable boxes (often combined with personal video recorders), online-coupled gaming machines, appropriately configured computer systems that can drive a computer monitor, or modules of a mobile phone system allowing content presentation. The STB receives an incoming signal, extracts content from the received signal, and transmits the extracted content to the television to be presented to a viewer.

[0010] The signal source can be one or more of a computer network cable (*e.g.*, an Ethernet or other transmission-speed cable), a satellite dish, a coaxial cable connected to a cable television system, a telephone line or digital subscriber line (DSL), a wireless network connection (*e.g.*, via a cellular telephone network, WiFi, or other wireless connection), an antenna (VHF, UHF, digital, or other), or another suitable signal source. The content can include, but is not limited to, video (which often can include an audio portion), audio, Internet web pages, interactive games, or other content. An STB may or may not include a dedicated television tuner.

[0011] Despite its name, an STB need not be physically located on top of a television set literally. Under current technology, STBs often are located physically adjacent to the television set, such as in a media cabinet or the like, but it is not even necessary that the STB be located in proximity to the television. Nor is it necessary that the STB be a box, literally. Rather, a STB might be implemented, for example, as a circuit board, integrated circuit, set of integrated circuits, or software that is physically integrated with another "box," such as the television, a cable or other connection, a computer, a mobile

phone, or a building equipment or junction box, which also has other functions, or without being housed in any "box" at all.

[0012] Online user interface device (equivalently, online device or OD) – any piece of computerized equipment used to access a remote network such as the Internet at least intermittently, including but not limited to a smart phone or mobile handset, a personal digital assistant (PDA), a game console, or a networked computer (desktop, workstation, notebook, laptop, or other).

[0013] Online access device – any piece of equipment used to connect an online user interface device to a remote network such as the Internet, including but not limited to a modem, a wired or wireless router, a wireless access point, a wired network adapter (*e.g.*, Ethernet adapter), a wireless network adapter (*e.g.*, WiFi, other IEEE 802.11, WiMax, ED-VO, EDGE, HSPA, CDMA, GSM, or other), or an optical fiber based network adapter (*e.g.*, a network interface unit or optical network terminal). Different types of online access devices can be and sometimes are combined into a single unit (*e.g.*, a modem that also functions as a router for a LAN). An online user interface device and an online access device can be, and sometimes are, combined into a single unit (*e.g.*, a computer with a built-in Ethernet adapter, wireless adapter, or modem, or a mobile phone that can be used for online access).

[0014] Each online access device typically is identified on the Internet by an Internet Protocol address (*i.e.*, an IP address; currently, under IPv4, an IP address comprises a sequence of four numbers each ranging from 0 to 255, *i.e.*, a 32-bit address; under IPv6, an IP address comprises a 128-bit address; other, future-developed IP address protocols shall fall within the scope of the present disclosure or appended claims). Every transmission of data over the Internet includes a destination IP address to enable the transmitted data to reach its intended destination. In some instances an online access device has a static IP address, while in other, more common instances an online access device has an IP address that is dynamic and changes from time to time. Although IP addresses are referred to herein for enabling data transmitted via the Internet to reach its intended destination, that terminology is intended to encompass any functionally equivalent online access device identifier employed to route such

transmitted data to its intended destination through the Internet or through any future successor network.

[0015] Device Identifier (*e.g.*, online device identifier or set-top box identifier) – An online device or set-top box typically is indicated by one or more device identifiers. Such an identifier can be of any suitable type; examples can include: an IP address assigned according to any suitable IP address protocol; a tag or cookie placed or recognized on the device; an identifier assigned by a provider of service via the device or manufacturer of all or part of the device. Examples of the latter can include, *e.g.*: a STB identifier assigned by a TVP; a modem or router identifier assigned by an ISP; a MAC address or serial number assigned by a device manufacturer; or a smartphone identifier such as a mobile phone number (MSISDN), service-subscriber key (IMSI or SIM identifier), Electronic Serial Number (ESN), Mobile Equipment Identifier (MEID), or International Mobile Equipment Identity (IMEI). The device identifier can in some instances be a pseudonym assigned to the device and used as a proxy for an actual device identifier. A device identifier can be stored locally on the device, can be stored remotely on a server of any interested party, or can be stored both locally and remotely. Different identifiers of the same device can be linked in a database, typically on a remote server, or in cookies or tags place on the device.

[0016] Device Fingerprint – An online device or a set-top box can in some instances be identified uniquely by a combination of parameters characterizing the device or software installed on the device. Such a parameter combination can be referred to as a device "fingerprint" and can be employed as a device identifier. Examples of parameters typically employed in a device fingerprint can include one or more of: an IP address, device configuration or hardware, device display type or resolution, operating system software, browser software, browser plug-in or add-on software, other installed software, user-selected font(s), user-selected language(s), time zone, or geographic location. Any operating system or software can be specified by program identity as well as by program version.

[0017] Router – any piece of equipment that acts as a junction between networks, to buffer and transfer data between or among them. For example, a router can be

employed to connect a local area network (LAN) to the Internet, thereby enabling online user interface devices connected to the LAN to share a connection to the Internet through the router. The router receives data from devices on the LAN and transmits the data to the Internet, directed to the various destinations, and receives data from the Internet and directs the data to the corresponding devices on the LAN.

[0018] Modem – a piece of equipment that enables online access by a user by acting as an interface between the online access provider's network transmission system and the user's computer or other online user interface device. Modems vary according to the type of provider network transmission system. Unless a specific type of modem is specified, the term "modem" shall encompass telephone modems, cable modems, DSL modems, wireless modems, satellite modems, or modems for providing online access to any other suitable network transmission system.

[0019] User (equivalently, subscriber, viewer) – the term "user" shall be construed as what is thought to be an individual person receiving online access or television service at a delivery end-point, which is typically located within a household, office, business, or other site or establishment served by an online access provider or TVP. A single household, office, business, or other location often has multiple users. In some instances, a business having multiple physical locations may be served by separate online or television services, but in other instances, a business may have an internal LAN or WAN that extends service provided to multiple physical locations. Also, some online user interface devices and televisions are portable and can access the service from remote locations. Accordingly, the term "user" does not require a fixed or single location in such instances. Reference to a "user" in some contexts actually refers to computer-controlled activity (monitoring, advertisement delivery, etc.) done in connection with a device (*e.g.*, television, phone, laptop, or fixed-location computer) thought to be operated by the individual person called the "user." However, it is understood that a given device might be operated by multiple persons, such as different members of a household or business, at different times. Accordingly, as is common in the art, in some contexts, reference to a "user" may refer to the computer, device, or other equipment rather than the person.

[0020] Behavioral targeting – the delivery of specific advertisements to a user, the advertisements being selected on the basis of activity of the user, typically recent activity, including but not limited to: online or television-based searches conducted by the user; content viewed or otherwise accessed by the user online or on television; online or television advertisements viewed, clicked on, interacted with, or otherwise accessed by the user; shopping or purchases made by the user online or through a television; and any other form of previous user online or television activity.

[0021] Central Ad Server (CAS) – a computer server (equipment) that manages delivery of advertisements (television or online). A local ad server can be typically run by a single publisher to serve ads to visitors of one or more websites or viewers of television programs of that publisher, or by a single advertiser to serve ads into ad space acquired by the advertiser on various websites or television programs. A third-party or remote ad server typically is remotely located and delivers advertisements of various advertisers to visitors of websites or viewers of programs of multiple publishers. The remote ad server acts as a central conduit for delivering advertisements, enabling advertisers and publishers to track the distribution of their online or television advertisements and to control the rotation and distribution of their advertisements across the Internet or television system from one location. Either a local or a remote ad server can be considered a CAS. The advertisements can be stored on the CAS for later delivery, can be transmitted to the CAS and then delivered from the CAS upon receiving an ad request, or can be delivered from another source in response to an ad request received and routed by the CAS. Examples of third-party ad servers include DoubleClick's DART for Publishers central ad server (also known as DFP) and DoubleClick's DART for Advertisers central ad server (also known as DFA). In some cases, a CAS can be owned or used by a TVP, an ISP, an STB provider or modem provider, an online content provider, a profile aggregator, a profile distributor, an ad broker, an ad network, an ad exchange, an ad agency, an online advertiser, a TV advertiser, a TV ad space owner, or a TV content provider, representatives or proxies of any of those entities, or other entities. In some instances that CAS will operate independently of an ISP or TVP.

[0022] Profile provider (PP) – An entity that has or collects profile information that is used to target advertisements. In context here, the profile provider controls or cooperates with a CAS, which receives all or part of the profile information from the profile provider for use in targeting television or online advertisements. User profile information derived from online or television activity can include, for example, observed online behavior of a user accessing the Internet (*e.g.*, online content viewed or accessed, online searches performed, online purchases made, or times and dates of such behavior), observed viewing or interaction behavior of a television viewer (*e.g.*, television programs or ads viewed, responses to interactive programs or ads, or times and dates of such behavior), or demographic information collected from an Internet user or television viewer.

[0023] Examples of profile providers can include, but are not limited to, any entity that owns, controls, or uses: (1) a visited Internet site server; (2) a server delivering content, images, audio, video, text, or any combination directed to an online user interface device (such as a computer or other online interface device) via an online access device (such as a modem or router), either directly or indirectly (*e.g.*, via a redirect); (3) a server delivering content, images, audio, video, text, or any combination directed to a television via a STB (indirectly via a TVP; or directly via an STB IP address, without necessarily being aware that the IP address in question corresponds to a STB); (4) a server delivering an ad to an online user interface device via an online access device on behalf of an advertiser or an ad network; (5) a server delivering a television ad to a television via a STB (indirectly via a TVP; or directly via an STB IP address, without necessarily being aware that the IP address in question corresponds to a STB) on behalf of an advertiser or an ad network; (6) a server recording an activity conducted from an online user interface device such as a click on an ad or a link to an ad, a viewing of an ad, a click on a link to particular content, a search, a request for product information, receipt of particular content, a product purchase, a telephone call made, or any other selected and definable user activity; or (7) a server facilitating instant messages or any other kind of communication on behalf of the user.

[0024] Another example of a profile provider is: (8) a company sponsoring and having access to a software program located on the user's computer or other online user

interface device that can observe the user's online activity (with the user's permission), such as a browser toolbar or desktop search software. A profile provider, broadly, can be: (9) any entity able to collect behavioral profiles (*e.g.*, observed online activity) or demographic profiles (provided by the user), typically including a device identifier (*e.g.*, an online user interface device identifier) used when profile information was observed or collected and the date and time that profile information was observed or collected, regardless of whether or not the entity collected the profile information directly through contact with the user's computer or indirectly from another entity such as those listed in this definition. In some cases, a user's online activity will result in direct contact between the online user interface device (via an online access device) and the profile provider, *e.g.*, if the profile provider is an online commerce site, the user makes a purchase at the site, and the online commerce site generates a profile for that user. In other instances there may be no direct contact between the profile provider and the user, *e.g.*, if the user makes a purchase at an online commerce site that in turn reports information pertaining to the user to the profile provider. In some situations, also, a profile provider might also own or otherwise control a CAS, in which case user profiles can be immediately available to the CAS without need to transmit between entities.

[0025] Profiles or partial profiles provided by a profile provider to a CAS can contain any quantity of profile information, such as, in one example, just an online access IP address, STB IP address (not necessarily identified as such), STB identifier, or device pseudonym. The profile can include, *e.g.*, a profile identifier or profile name, a username, or a login ID, or other online user interface device identifier; the profile can be referenced by or included in a cookie or tag placed on a user's online user interface device. The IP address can be provided by the profile provider itself or might be obtained by the CAS when a user engages in any online activity or provides an item of demographic information and is redirected by a profile provider to the CAS. In another example, a profile can be more extensive and can include demographic or online behavioral information, such as an extensive browsing history, shopping or purchase histories, content or programs viewed online, and other information concerning the user's characteristics or the user's activities. In some instances a profile includes PII (typically provided by the user); in other instances it does not.

[0026] The profile need not be stored in a single location; profile information that collectively defines a single user profile can be stored in one or more databases on one or more servers, in tags or cookies placed on one or more user interfaces devices, or at a combination of those locations. Although the profile provider is referenced in the previous several paragraphs as being an entity, many or most of the actions attributed to the profile provider are actually performed by equipment under the administrative control of the profile provider, such as computers, servers, software running on those computers or servers, network connection hardware or software, or other equipment. Such actions may still be characterized as being performed "by the profile provider," whether performed automatically, semi-automatically, or manually. Accordingly, as is common in the art, in some contexts, reference to a profile provider may refer to the computer systems or other equipment controlled by the entity rather than the entity itself.

[0027] Personally Identifiable Information (PII) – information that can be used to identify a specific person, including but not limited to: name, Social Security number (SSN), date of birth, street address, email address, static IP address (if any), phone number (home, work, wireless), financial account numbers (bank accounts, credit accounts, or any other financial data), driver's license number, vehicle registration number, vehicle license number, facial photographs, fingerprints, handwriting or signature, or any other information that can assist in identifying a specific person.

[0028] Non-Personally-Identifiable Information (non-PII) – information about a person that typically cannot be used to specifically identify that person, including but not limited to: city, state, or country of residence, age, gender, race, ethnicity, school or workplace (if sufficiently large), salary or income, hobbies, dynamically assigned IP addresses, online sites visited, online searches conducted, or other information that is useful to know about a person but does not by itself allow one knowing the information to identify the particular person.

[0029] Cookie – a text file placed on a user's computer by any server that also serves content of any type to the user's computer using browser software. That content can include, for example, an entire web page, only a portion of a web page, one or more

images, or even a single pixel; the user need not be aware of every server that delivers such content, and in many cases is not (*e.g.*, if that server delivers only a single-pixel image). The cookie typically can be read or altered only by a server operating under the same Internet domain as the server that originally placed the cookie. The cookie file can be used to identify a computer that has already been in contact with the same domain (*e.g.*, it can act as an online user interface device identifier) and can also be used to store PII or non-PII pertaining to a user of that computer. In a first example, a cookie can store non-PII such as previous searches conducted at the site, or pages viewed or visited at the site, by the computer user. In a second example, a cookie can be used to store a username used by the user to access a site, customized preferences of the user, or various pieces of PII. A cookie file can also be created, altered, or deleted by software located on the user's computer.

[0030] Television advertisement (TV ad) – a full screen video ad, a partial screen video ad, a banner ad, a text ad, an audio ad, or any other form of ad suitable for delivery to and visual or audible presentation by a television (as defined above), which includes any device for delivering television content. TV ads can be spatially juxtaposed with or overlaid on the television program (*e.g.*, banner ads) or can be temporally interleaved with the television program (*e.g.*, traditional 15-, 30-, or 60-second spot ads).

[0031] Redirect (or URL redirection or URL forwarding) – the process of a server instructing a browser or application running on a computer to obtain certain requested information (e.g., all or part of a web page) from a different location by (1) a first server providing a URL to the browser or application and (2) the computer using the received URL to electronically contact the URL address. The URL could be given to the computer in many ways, for example by embedding a pixel (1x1 image tag) in an HTML page or content, via iFrame or other frame redirects, via JavaScript, via a 302 HTTP status code (in HTTP protocol, or via other 3xx status codes) in response to a request received by the first server from the computer, via redirect services, or via electronic mail. In one example, the URL could be sent to the computer following the computer coming into contact with the first server in any way, for example, following the computer accessing the first server to receive content. In another example, the URL could be

given to the computer from the first server via HTML electronic mail (in this example, the URL is sent without the computer coming into contact with the first server).

[0032] Various systems and methods are used currently for targeting ads based on user, viewer, or customer behavior. Some of those may rely on the collection of PII to enable correlation of the person exhibiting the behavior and advertisements targeted at that person; in others, advertisements can be targeted without collecting PII. In those latter examples it is often the case that the medium of the behavior and that of the advertisement are the same. For example, many grocery stores hand out so-called "club cards" that need not be linked to PII. A shopper presents the card at checkout to receive various discounts, thereby allowing the store to link the list of purchased items to the card. As the system "learns" the shopper's purchasing habits, the system begins issuing coupons targeted at purchases that the shopper has made previously or that the system predicts the shopper may wish to make based on past purchases.

[0033] In another example, online advertisements are readily targeted based on an Internet user's online activities without using PII. The use of cookies enables an ad server to recognize an Internet site visitor who has been previously presented with ads by the ad server or who has conducted searches or accessed content at sites linked to the ad server; the cookies need not include PII to enable that functionality. The ad server can target future advertising to the site visitor based on that previous activity. A user who has searched for airline tickets to southern California on an online travel site, for instance, can later receive targeted online advertisements for Disneyland, delivered perhaps while visiting some other online site, to the user's computer from an ad server that collected the user's search information from the online travel site.

[0034] Regardless of whether PII is used or not, targeting advertising in one medium based on activity in another, or advertising on one device type based on activity on another, can be problematic. Various schemes currently are implemented, under development, or being considered wherein PII is used, *e.g.*, to target television advertisements based on a viewer's online behavior. Some of those schemes involve agreements or alliances among TVPs, online access providers, online search portals,

or online sites. The PII has typically been required to make the connection between the different media, because different devices are typically employed to access each one.

[0035] To satisfy various laws, regulations, or policies pertaining to user privacy in an online environment, a primary goal is to maintain segregation of a user's PII (which may or may not be used to establish as association between devices of differing media) from that user's online behavioral profile information (*e.g.*, sites visited, content viewed, searches requested, or products purchased). It has also been deemed desirable, from a privacy perspective, to maintain similar segregation between (i) a user's online profile information and (ii) information or data on specific television viewing habits or profiles linked to a specific STB, even though that viewing data may not constitute PII.

[0036] Several proposed schemes (*e.g.*, as disclosed in one or more of the applications listed above) would enable targeting of television ads based on observed online behavior while maintaining that segregation of PII, or without using PII at all. Whether or not PII is used, and regardless of the manner of its use, the prevalent use of dynamic device addresses, *e.g.*, for enabling online access, creates significant technological impediments to cross-media targeting of ads.

[0037] Due to privacy reasons, it is desired to avoid reporting which TV programs or channels have been viewed using a specific STB. On the other hand, it is desired to generate (or store) STB-originated reports of which selected or default TV ads were delivered within which TV programs or on which TV channels, so as to report to the advertiser the exact number of ads delivered to the target audience through STBs and the amount owed by the advertiser as a consequence, and to report to TV ad space sellers the amount of inventory used in delivering ads and the amount they are owed as a consequence. These apparently inconsistent goals create technical obstacles to cross-media flexible advertising systems.

[0038] Recording or tracking user behavior in one medium in response to observed behavior in another, and correlating those behaviors, are also desirable goals. Such capability can enable an advertiser to target future ads more accurately, to evaluate the effectiveness of particular ads or ad campaigns, or for other purposes. However, the same issues (*e.g.*, use of PII or not, segregation of PII from online behavioral profile

information, or use of dynamic device addresses) that must be addressed for cross-media targeting must also be addressed for cross-media tracking or correlating.

DESCRIPTION

[0039] A method is performed by a profile provider (PP) entity using a computer system connected to the Internet and comprising one or more servers, and can be summarized as follows. First, a primary online device (OD1) is associated (in any suitable way) with a set-top box (STB). Second, a location of OD1 at some point in time (*e.g.*, before, contemporaneous with, or after establishing the association with the STB) is estimated to be "near" the STB. The OD1 location at the time it is estimated to be "near" the STB is used as a proxy for the STB location in later steps. Third, one or more secondary online devices (OD2s) are observed to be located "near" the STB proxy location (*i.e.*, the location of OD1 when it was estimated to be "near" the STB) and as a result are associated with the STB. Fourth, the system causes selection of a television advertisement to be directed to the STB, which selection is based at least in part on profile information linked to one of the associated OD2s. In the following sections, each of those activities will be described in further detail, including variations and alternatives. The disclosed methods can be employed with any suitable STB having any suitable connections; however, the disclosed methods can be particularly advantageous in situations wherein: the STB is not connected to any computer network; the STB is not ever connected to the same local area network as OD1 or OD2; or television service (used by the STB) and online access (used by OD1 and OD2s) are provided by different service providers.

[0040] Associating a primary online device (OD1) with a set-top box (STB)

[0041] A primary online device (OD1) is directly associated (in any suitable way) with a set-top box (STB). "Directly" merely indicates that the association between the STB and OD1 can be established explicitly. Various suitable ways for establishing or recognizing such an explicit association are disclosed in the patents and pending applications cited above. In some of those examples, a TVP/ISP can provide both online access and television service to a given subscriber, typically at a known, single location (*e.g.*, a residence or business). An online device provided with online access (by the TVP/ISP) at that service location can be associated with the STB as OD1. In other examples, a subscriber's OD1 and STB can be associated based on both being connected to a

common LAN (Local Area Network). That common connection can be detected in a variety of ways, *e.g.*, by detecting that Internet traffic is routed to both OD1 and the STB via a common IP address or portion thereof, or by detecting that both OD1 and the STB are connected to the same router.

[0042] In other examples not disclosed in the cited patents or applications, a TVP can send an email to a subscriber that includes electronic indicia that identify the subscriber or the subscriber's STB; such identification can employ a pseudonym representing any of the data. The indicia could be incorporated, for example, as a 1x1 pixel redirect in an HTML email, or in any other suitable manner. When the subscriber opens the TVP email, the online device used to open the email is redirected to a TVP server or TVP computer system along with the STB identifier or a subscriber identifier (or pseudonym). Instead or in addition, the TVP server or computer system can gain access to a subscriber's online device and to his or her log-in data when the subscriber logs in to a TVP web site or application (*e.g.*, a software application that enables a mobile device or tablet to act as a remote control for the STB), or when the subscriber logs in to a third-party web site or application that directs or redirects the online device to the TVP server along with the subscriber's PII. The online device used by the subscriber to open the e-mail or log-in (referred to hereafter as the initiating online device) may or may not be associated as OD1 with the subscriber's STB, as further described below. The TVP server or computer system access to the initiating online device following the redirect or log-in enables the TVP system to associate the initiating online device with the STB, if it chooses to do so, using the PII provided by the initiating online device to pull the subscriber's STB identifier or by using the STB identifier pseudonym provided by the initiating online device. The TVP system can associate an online device identifier of the initiating online device with the subscriber's STB identifier or STB pseudonym.

[0043] In another example, a TVP presents a personalized barcode on the TV screen. The barcode is personalized in that it encodes instructions to redirect a mobile device with a camera that takes a picture of the barcode on the TV screen to an online server along with indicia identifying the subscriber's STB. The mobile device can be redirected to a PP server, or to a TVP or other server that in turn redirects to the PP server (directly or via one or more intermediary servers). The PP can then associate the STB

identifier or pseudonym with an identifier of the mobile device. Additional information pertaining to the subscriber or the STB can be encoded into the personalized barcode, *e.g.*, the geographic location of the STB. In one example a barcode, such as a two-dimensional QR ("quick response") code, is presented on a television screen, and a user is asked to photograph the barcode with his or her smartphone (for example to visit a television program web site). Barcode reader software on the smartphone decodes the barcode, which encodes a uniform resource locator (URL) usable by the smartphone's browser software. That URL indicates an online site and also includes an identifier or pseudonym for the television subscriber's STB. When the smartphone visits the online site indicated by the encoded URL, the online site server can retrieve the STB identifier or pseudonym and include it in a redirect to a PP server. The PP places, modifies, or recognizes its own cookie or other identifier on the user's smartphone to include or reference the user's STB identifier or pseudonym, thereby establishing an electronic association between the smartphone (the initiating online device) and the STB. In this example, different personalized barcodes can be sent to different television service subscribers identifying their respective STBs.

[0044] To function as primary online device OD1, an initiating online device must be (i) a stationary online device (*e.g.*, a desktop computer or workstation) that resides at the STB location, or (ii) a mobile online device (*e.g.*, a laptop computer, tablet, or smartphone) that is at least transiently located at the STB location. Determining whether a given initiating online device can properly function as a primary online device OD1 is described below. The TVP typically knows the location of the subscriber's STB and can employ or provide all or part of that information to perform or facilitate subsequent steps.

[0045] In the latter examples disclosed above (*e.g.*, wherein a TVP email, a TVP site or application login, or a barcode is employed), the TVP typically conveys to a profile-provider entity (PP), or causes to be conveyed to the PP, information pertaining to the initiating online device and the subscriber's STB. Examples of such PP entities are given above. In some of the examples disclosed above, the initiating online device is redirected to a PP server or computer system (directly or via one or more intermediary servers), *e.g.*, from a server hosting the TVP site or communicating with a software

application, following a URL redirect from the TVP email to a TVP server or other server that in turn redirects to a PP server, or following a barcode-initiated visit to a TVP server or other server that in turn redirects to a PP server. Such URL redirection typically includes a URL address (or other data-passing technique) that passes electronic indicia of the subscriber's STB identifier or pseudonym, and optionally additional information pertaining to the subscriber.

[0046] Alternatively, in the email or barcode examples, the initiating online device can be directed or redirected (directly or via one or more intermediary servers) to a PP server or computer system without also making contact with a TVP server or computer system, *e.g.*, if the email redirect or barcode includes instructions for the online device to make contact with the PP server and to convey indicia of the subscriber's STB identifier to that PP server. In that sort of example, after the TVP transmits to the subscriber the email or barcode, subsequent association of the subscriber's STB identifier or pseudonym with an identifier of the initiating online device can be established without further involvement of the TVP. As a result of any of the different redirections described above, the PP server can place, modify, or recognize a cookie on the initiating online device; that cookie can act as an online device identifier. The PP can store the received information, including indicia of the STB identifier or pseudonym, within the cookie or in a central database using the cookie as a record locator.

[0047] In addition or instead, the TVP can place, modify, or recognize its own cookie on the initiating online device and maintain a log or database of cookies or other initiating online device identifiers (such as an online device fingerprint) and associated STB identifiers for a multitude of subscribers. Such a log or database can be transmitted directly to a PP periodically, intermittently, or on an ongoing basis. The PP can use the received log to update its own database or in any other suitable fashion. In one example, the PP uses received device fingerprints (i) to recognize an initiating online device if and when it later encounters that online device or (ii) to retrieve location or profile information previously collected for a given online device. In another example, the PP and TVP use cookie syncing to sync their cookies; when the PP receives a TVP log file it can use the TVP cookie IDs to find the associated PP cookies IDs and associate the STB indicia with the relevant PP cookie ID in the PP database and

perhaps also store the STB indicia in the PP cookie. In one example of cookie syncing, a TVP redirects subscribers' online devices to a PP server along with the corresponding TVP cookie identifiers. The PP server associates the TVP cookie identifiers with the corresponding PP cookie identifiers. The TVP can then provide the PP with a file containing TVP cookie identifiers and associated profile information (such as the STB indicia or geo location); the PP can use the TVP cookie identifiers to determine to which PP cookie identifiers to add the received profile information (in a central database or in the cookie, as desired).

[0048] However the information is conveyed to the PP, that information enables the PP to associate online profile information pertaining to online activity conducted via the initiating online device with the subscriber's STB identifier, as is conventional.

[0049] Estimating that the initiating or primary online device is "near" the STB

[0050] In the course of online activity conducted via an online device, that online device may occasionally make electronic contact with a PP server. During each such contact, the PP server can estimate the location of that online device and cause that location information to be stored (*e.g.*, in a log, history, or database, or in a cookie on the initiating online device). At the time the PP computer system receives electronic indicia of an initiating online device identifier and the subscriber's STB identifier, a PP server can (i) estimate whether the initiating online device was "near" the subscriber's STB at some time in the past (*e.g.*, if the PP has any past location data for the initiating online device), (ii) estimate whether the initiating online device is currently "near" the subscriber's STB (*e.g.*, if the PP has received the electronic indicia via a redirect of the initiating online device). Alternatively, the PP server can (iii) monitor the initiating online device's location, even if not continuously, and "notice" (estimate) later whether it goes "near" the subscriber's STB (*e.g.*, by checking its location when electronic contact is later made between the initiating online device and the PP's server).

[0051] "Near" can be defined in a variety of ways, and the estimate can be made in a variety of ways. The reliability of the estimate (*i.e.*, the probability that an improper association will be established between an OD1 and a subscriber's STB) can vary substantially depending on how "near" is defined and estimated. In the barcode

example described above, the smartphone that captures an image of the barcode on the television screen can be assumed to be at the location of the STB when the image is captured, and therefore can be correctly presumed to function as OD1.

[0052] In a first example, information conveyed by the TVP to the PP (by example via direct transmission or redirect) indicates the location of the subscriber's STB. Privacy restrictions may limit the precision of such information (*e.g.*, limited to city, zip code, neighborhood, or street); if permitted, complete address or precise geographic coordinates can be provided. Upon encountering the initiating online device, the PP can estimate its location and compare it with the STB location. The PP can estimate the location of the initiating online device by using, for example, reverse IP address lookup (*e.g.*, in a database that includes IP addresses and geographic locations; the precision of such databases can vary from metropolitan area to exact street address, or any intermediate level of precision), device GPS coordinates or coordinate ranges, or relative signal strengths of nearby WiFi transmitters or cell towers detected by the device. Depending on the precision of the available location data (typically, but not always, more precise for the online device location than for the STB location), a suitable criterion (using one or a set of several factors) can be established for estimating whether the initiating online device and the subscriber's STB are "near" one another. The criterion can be selected to result in a desired level of confidence that the association between OD1 and the subscriber's STB has been accurately established. If the criterion is satisfied and the initiating online device is regarded as the primary online device OD1, then its location when it is "near" the subscriber's STB can be used as the proxy STB location in subsequent operations.

[0053] In another example, an online device and STB can be automatically estimated to be "near" each other without checking any location or distance criterion or threshold. For example, if a software application on the initiating online device is used to control the STB, then the initiating online device can be automatically assumed to be "near" the STB without checking any location or distance criterion. In another example, if the initiating online device is used to open an email from a TVP late at night, and if the associated STB is known to be a residential STB (*e.g.*, because the TVP provides to the PP information pertaining to only residential STBs), it might be automatically

assumed, without any location information for the STB or online device, that the initiating online device is "near" the STB (based on the presumption that late at night the subscriber is at his or her residence). In another example, if the STB is known to be residential (*e.g.*, because the TVP provides to the PP information pertaining to only residential STBs), and if the PP identifies an initiating online device location as a residential location (*e.g.*, because a reverse look-up of the initiating online device IP address from a third-party database identifies the IP address as being a residential IP address), then the PP might automatically assume that the initiating online device is at the STB residential location, without any location information for the STB or online device. In a variation, the PP can confirm the initiating online device location as the subscriber's STB residential location, or cancel its previous identification of the STB residential location, based on how many times it encounters the initiating online device at that location over a certain period of time (*e.g.*, to reduce the likelihood of erroneously associating the subscriber's online device with a friend's residential STB upon detection of the subscriber's online device at the friend's residential IP address).

[0054] In another example, in instances where it is known that a STB is located at a residential location (whether or not the actual address of the residence is known) but there is no database identifying whether an IP address is assigned to a business or a residence, an initiating online device might be observed to be used at two different IP addresses, and it might be presumed that one of the IP addresses likely corresponds to the subscriber's workplace and the other to the subscriber's residence. The workplace and residence locations can be distinguished based on the number of online devices connected to a common LAN at those locations. For instance, in an IPv4 architecture, if one of the IP addresses is shared by ten different online devices and the other IP address is shared by only three different online devices, then it is likely that the first IP address is the workplace address and the second IP address is the home address because it is reasonable to presume that there are more online devices at a workplace than at a home. Similarly, in some instances in an IPv6 architecture, if the prefix of one IP address is identical to the prefix of IP addresses of nine other online devices, and if the prefix of the other IP address is identical to the prefix of IP addresses of only two other online devices, then it is likely that the first IP address corresponds to a workplace

and the second IP address corresponds to a home. More generally, the number of other online devices connected to a common LAN with a given online device can indicate whether that online device is located at a residence or at a workplace.

[0055] In yet another example, if the television subscriber receives both television service and online access service from the same provider (TVP/ISP), the PP can determine the ownership of the IP address used by the initiating online device to determine whether the initiating online device is at the STB location (where the subscriber receives the television service). Such an example assumes the television subscriber receives online access service at home from a provider that is different from the provider of online access to the subscriber at the workplace or at other locations (such as coffee shops or friends' houses); otherwise the subscriber's STB might be erroneously estimated to be located at the workplace. The likelihood of such a mistake can be reduced by also considering the time of day and day of the week when the initiating online device communicates with the PP. If a weekend, regardless of the time of the day, the subscriber is likely at home if the IP address is owned by the subscriber's TVP/ISP. If a weekday (Monday to Friday) and during working hours, then the subscriber is likely at the workplace; if during the work-week and early morning, evening, or late at night, then the subscriber is likely at home. Time of day could be used independently as well (regardless of the ISP identity). If it is late in the evening, the PP might assume with high probability that the initiating online device is at home.

[0056] More generally, one exemplary solution for reducing errors in the identification of an initiating online device location as a STB location is to check the number of online user interface devices sharing a common IP address for online access at a given location (*i.e.*, sharing the same LAN). If the number is over ten, for example, then it is more likely that the initiating online device is being used at a workplace or a public location such as a coffee shop or an airport, and it is less likely that it is being used at home (regardless of the time of day). Under such circumstances, that location should not be estimated to be the STB location or used as such in subsequent steps.

[0057] In yet another example, the PP can receive the STB geographic location from a third party that has a database of television subscribers and their TVPs. In one

alternative, such a third party that has a television subscriber's personally identifiable information (PII) can redirect the subscriber's online device, *e.g.*, after the subscriber logs in to a server of the third party, to a server or computer system controlled by the PP; that redirect can convey the geographic location of the subscriber's STB (with or without PII, as needed or desired). In another alternative the PP can receive the home or business address of an initiating online device from a third-party data provider that can redirect the initiating online device to a PP server along with the home or business address (exact home address if permitted, or less accurate address information such as a zip code if required by privacy policy or regulation). Such a redirect will likely not include PII (other than the address information).

[0058] In another example, if the PP learns that the STB is used in a residence (explicitly because informed by the TVP, or implicitly because the TVP only redirects residential subscribers' online devices), the PP can assume that the subscriber's residential address (obtained from a third party) is the location of the subscriber's STB. In another alternative, when a PP server communicates with the initiating online device, it can reverse look-up the device IP address to find its geographic location.

[0059] Regardless of the way the PP gains access to the geographic location of the online device and the geographic location of the STB, it can compare their locations. If they match, or are in close enough proximity, then the initiating online device can be estimated to be at the STB location.

[0060] In various examples (including some of those described above), information conveyed by the TVP to the PP (for example via direct transmission or redirect) indicates either a residential or commercial location for the subscriber's STB. Over time, an initiating online device that is mobile is observed at differing locations. Whether those locations are commercial or residential might be inferred based on time of day (*e.g.*, daytime locations assumed to be commercial and evening/nighttime/early daytime locations assumed to be residential) or on the type of IP address (*e.g.*, static IP addresses assumed to be commercial and dynamic IP addresses assumed to be residential). The initiating online device is assumed to be properly regarded as a primary online device OD1, and the proxy STB location can be the OD1 location

estimated when OD1 is encountered at a time of day or from an IP address that is consistent with the type of subscriber STB location. In various cases (including some of those described above), a TVP may only provide the PP with information about residential STBs. Without receiving from the TVP information about the location or type of location of a specific STB (and perhaps only receiving indicia of the specific STB identifier), the PP can nevertheless in some instances recognize when OD1 is located at a residential location (and hence at the STB location) using the described methods (for example, time of day, or location type).

[0061] Note that there can be instances when the initiating online device is never detected "near" the subscriber's STB. That situation can arise, for example, if the initiating online device is a stationary device that resides at a location remote from the subscriber's STB, or if the initiating online device is a mobile device that is never located (or noticed to be located) "near" the subscriber's STB. Typically, an initiating online device that is never "near" the subscriber's STB will not be regarded as a primary online device OD1, its location will not be used as the proxy STB location, and subsequent steps will not be performed based on the location of that initiating online device.

[0062] In some instances, however, a so-called "two-step" association can be established based on an initiating online device that is never "near" the subscriber's STB. If a mobile online device is observed to be transiently "near" the initiating online device at various times (or if both of the mobile online device and initiating online device are used to log in to the same web site or application using the same credentials), and observed to be transiently "near" the subscriber's STB at other times, that mobile online device can function as a primary online device OD1, and its location (when observed "near" the STB) can be used as the proxy STB location. An OD1 identified using such a two-step association with a STB may be less desirable than the more direct associations described above, due to a higher probability of error in establishing the association.

[0063] Observing secondary online device(s) (OD2s) "near" the STB proxy location

[0064] Over time, one or more secondary online devices (OD2s) are observed to be located "near" the STB proxy location (*i.e.*, the location of OD1 at the time it was estimated to be "near" the subscriber's STB). As a result, one or more OD2s are indirectly associated with the subscriber's STB. "Indirectly" merely indicates that the association between the STB and OD2s is established using a STB proxy location that was determined using OD1, as described further below.

[0065] This disclosure offers significant advantages over known conventional techniques because, *e.g.*, in cases wherein the subscriber's STB is not connected to a computer network and the TVP does not provide online access to the subscriber, the STB proxy location established by OD1 may be the only way to establish any connection between the OD2s and the subscriber's STB; in known conventional techniques no connection between OD2s and the STB could be made. That is advantageous, as it enables, for example, the delivery of targeted television ads to the STB based on the online profiles of online devices used by other household members (OD2s), in addition to targeted television ads based on the online profile of the household member that uses OD1.

[0066] One or more of the online devices (OD1 or OD2s) can be mobile, so that their locations can vary with time. An association between an OD2 and the STB can be established based on OD2 being "near" the STB proxy location at a point in time before the OD1-STB association is established and the STB proxy location is estimated (*e.g.*, looked up in a log, history or database, or recorded in a cookie on OD2), or at a point in time after the OD1-STB association was established and the STB proxy location was estimated (*e.g.*, as a result of subsequent contact with a PP server).

[0067] In one example, OD2 being located "near" the STB proxy location can be estimated by OD1 and OD2 sharing a common LAN (at least transiently). In one case of this example, OD1 is estimated to be "near" an associated residential STB (in any of the ways described above), and the IP address (or part of the IP address, such as an IP address prefix) used by OD1 at the time of the estimate is used as a proxy for the STB location. Other online devices (OD2s) for which Internet traffic is routed via an identical

or partially identical IP address are estimated to be connected to the same LAN as OD1, to be at the same location (because they are connected to the LAN), and to be at the same location as the STB. The OD2s thus identified are associated with the STB. The estimation that an OD2 is at or near the STB location need not occur while OD1 is at or near the STB location. In another example, GPS coordinates of OD2 can be compared to the OD1 location when OD1 was estimated to be "near" the STB. If the OD2 GPS coordinates are close enough (based on any suitable criteria), then the OD2 is associated with the STB. Again, the estimation that an OD2 is close enough to the STB location need not occur while OD1 is near the STB location.

[0068] In some examples, an association between a STB and an online device OD2 can be undone by a PP server under certain circumstances. If the PP recognizes that an OD2, that was associated with the STB due to the sharing of a common LAN with an OD1 associated with the STB, does not again share a common LAN with OD1 for more than a week (or other suitable period of time), then it can be inferred that the STB-OD2 association was not correct (*e.g.*, perhaps OD2 belonged to an infrequent visitor to the STB location).

[0069] TV ad selection/presentation based on OD2 profile

[0070] After an online device OD2 is associated with the STB as one of a set of one or more OD2s, targeted television advertisements can be selected (by or at the direction of the PP) based at least in part on profile information associated with OD2, *e.g.*, (i) online behavioral profile information such as browsing history or search history of a user of OD2, (ii) demographic information associated with a user of OD2, (iii) offline profile information pertaining to a user of OD1 or a user of OD2 and acquired with the assistance of the TVP (described further below), or (iv) offline profile information pertaining to a user of OD2 and acquired according to the teachings of, *e.g.*, U.S. Patent 7,890,609 referenced above. The television advertisements thus selected can be directed to the STB for presentation.

[0071] The time and manner of the television ad presentation can be determined in a variety of ways. In various disclosed exemplary methods, targeted television advertisements can be selected or presented based on the likelihood of the user of

OD2 viewing specific TV programs/channels or watching television at specific times/dates, based on one or both of (i) a correlation between the OD2 user's profile information and specific programs/channels (as described in several of the cited references), or (ii) a presumption that OD2 is near the STB, and by inference that the OD2 user is present and watching television, based on an estimate that OD2 is near the STB at a given time/date (as described above) or based on a location history of OD2 at specific times/dates (as described below).

[0072] In some disclosed exemplary methods, targeted television advertisements are selected based on profile information associated with OD1 or one or more OD2s. The advertisements thus selected can be transmitted in advance to the STB for storage (*e.g.*, in a DVR) and presented later, or can be transmitted in real time or "on demand" as needed. The selected ads can be presented within specific TV programs/channels or on specific times/dates, *e.g.*, according to the teachings of U.S. Patent Pub. 2009/0300675, U.S. Patent Pub. 2009/0299843, or App. Serial No. 61/393,834 referenced above. The television advertisements can be selected/presented based on an expectation that the user of OD2 is likely to be viewing those specific TV programs/channels at those dates/times (independently of whether OD2 is presumed to be "near" the STB at those dates/times).

[0073] Based on the profile information associated with OD2 (online or offline profile information), television ads are selected (by or at the direction of the PP) to be directed to the STB associated with OD2 as described above. When selecting ads, additional parameters can be taken into account such as which television program or channel is being watched or likely watched on the STB and the likelihood that the OD2 user is watching that TV program/channel (*e.g.*, based on correlation between the OD2 user's profile information and the TV program/channel, as disclosed, *e.g.*, in U.S. Patent Pub. 2009/0300675, U.S. Patent Pub. 2009/0299843, or App. Serial No. 61/393,834) referenced above.

[0074] In some other exemplary methods, the selected television advertisement is presented only when OD2 is presumed to be "near" the STB. Only at a given point in time when one of the OD2s is presumed (in any suitable way) to be located "near" the

STB proxy location does the system trigger presentation of a targeted television advertisement for the STB, which targeted advertisement is selected based on profile information associated with that nearby OD2. In other words, a presumption that OD2 is "near" the STB at a given point in time is used to infer that the user of OD2 is watching television at that time, and that a television advertisement targeted at the user of OD2 should be presented. Whether the OD2 is "near" the STB proxy location can be estimated in any of the various ways described above for establishing the association between OD2 and the STB, or can be inferred based on a history or log of OD2 being "near" the STB in the past (described further below). The television advertisements can be selected and delivered to the STB in any of the ways and at any of the times described above (*e.g.*, selected and delivered to the STB ahead of time, selected or delivered in real time or on demand, or variations of those methods).

[0075] Regardless of the manner in which a television ad is selected or a program/channel or time/date is determined for delivering the selected ad, the ad can be delivered or presented in any suitable way. In some examples, the selected television advertisement (or an identifier thereof) is sent by the PP to the TVP, along with the STB identifier or pseudonym (*i.e.*, the STB identifier or pseudonym that was received from the TVP as being associated with OD1, and later associated with OD2 estimated to be at the STB location) and an indicator of the program, channel, time, or date on or during which the ad is to be presented. The TVP can use that information to arrange the presentation of the television advertisement on the STB at a suitable point in time. The PP can typically transmit the selected television advertisement, or an identifier thereof, to a CAS operated by the TVP along with the subscriber's STB identifier. The profile information (online or offline) pertaining to OD2 need not be conveyed to the TVP. In some examples, the PP can associate observed online behavior on OD2 with the selected targeted television advertisements delivered or presumed delivered on the STB associated with OD2, for online behavior that takes place on OD2 after the expected or reported presentation of the selected targeted television advertisements on the STB (as disclosed, *e.g.*, in U.S. Patent Pub. 2009/0172728 or App. Serial No. 12/906,007 referenced above).

[0076] In various examples, television advertisements can be selected based on profiles associated with one or more OD2s associated with a STB, and then transmitted for storage on the STB, on an ad server or other server, or on another device; the stored television advertisement is presented only at a suitable point in time according to electronic instructions. In some cases, the stored television advertisement is shown only when the correct channel is being watched or during the correct television program. In another case, only when one of those OD2s is presumed to be "near" the STB (by the STB, PP, TVP, or a third party) is a corresponding stored television advertisement presented. In various cases, instructions stored in the STB cause the STB to present a stored ad when the STB detects a "nearby" OD2, or to present a stored ad when an OD2 is inferred to be "near" the STB based on a location history of that OD2, or to present a stored ad following detection of a "nearby" OD2 by the PP, TVP, or a third party. In another case, a selected television advertisement can be presented according to instructions stored in or received by an ad server to present an ad stored in the ad server. Different television ads can be presented at different times depending on different OD2s being presumed to be located near the STB proxy location at those different times.

[0077] Additional features or embodiments

[0078] In examples wherein the presence of an online device is inferred based on a history or log of that online device being "near" an associated STB, such a history or log can be analyzed to predict future times when the online device will be present at the STB location (and therefore times when the user of the online device might be inferred to be present and watching television). For example, if an online device is connected to the Internet via the same IP address every Tuesday evening after 7 PM for the past three weeks, it might be presumed that the online device will be connected to the Internet via that same IP address on the next Tuesday evening after 7 PM. If the online device (when accessing the Internet via that IP address) was associated with a specific STB, then television advertisements targeted based on profile information associated with the online device can be transmitted to the STB for presentation on the following Tuesday evening after 7 PM. Such a technique for estimating future presence of an online device near a STB can be employed for choosing a time for presenting a

television advertisement targeted based on OD2-associated profile information in the context of methods disclosed above, *i.e.*, for presenting an OD2-targeted advertisement via the OD2-associated STB at a future time when that OD2 is predicted to be near that STB. That technique can also be employed for choosing a time for presenting a television advertisement targeted based on OD1-associated profile information, *i.e.*, for presenting an OD1-targeted advertisement via the OD1-associated STB at a future time when that OD1 is predicted to be near that STB.

[0079] The particular temporal pattern described above (Tuesday evening after 7 PM) is only exemplary; any discerned temporal pattern of an online device estimated to be "near" an associated STB can be employed as a basis for predicting future nearness of the associated online device and STB. The particular criterion for "nearness" described above (use of a particular IP address) also is only exemplary. Any suitable criterion for nearness, including those already described above for establishing associations between OD1 and the STB or between OD2 and the STB, can be employed as a basis for logging or recording an online device's history of being near an associated STB and for predicting future nearness of the associated online device and STB. In a similar manner, predicting future nearness of an online device to its associated STB can be based on geographic coordinates, street address, or any other suitable indicator of the online device's past locations.

[0080] In many cases IP addresses used by online devices for online access are dynamic rather than static. This could create a problem when an IP address (or a portion thereof, such as the IP address prefix shared with the router of a LAN) is used as a proxy for a STB location. An online device in the previous example (an OD2, for example) can be estimated to be near an associated STB even if its IP address changes from one Tuesday evening to the next. If the same group of OD2s (each recognized by a unique cookie, tag, or device fingerprint, for example) were detected connected to a common LAN every Tuesday evening after 7 PM, then those OD2s could be presumed to be located at the same location every Tuesday evening after 7 PM even if the IP address via which they receive Internet traffic changes from day to day or week to week. If one of those temporary IP addresses had been estimated to be "near" a specific STB, or if an online device of the group connected to the LAN had

been associated with a specific STB when that online device was connected to that LAN, then the entire group of OD2s can be associated with the STB. A LAN to which this group of OD2s is connected in the future can be similarly inferred to represent the STB location. A prediction that one of the OD2s will be at that STB location on a future Tuesday evening can be made despite any change of the IP address via which Internet traffic is received by the online device. Put another way, detection of a recognizable combination of multiple online devices connected to a common LAN can serve as a proxy for the associated STB location. Further, any online device recognized as being connected to the same LAN as the other online devices of the group could also be associated with the same STB.

[0081] The sharing of a LAN by a group of devices (*e.g.*, multiple online devices and/or a STB connected to a common LAN) can be recognized using different techniques. In one example, online devices sharing a LAN in an IPv4 architecture can be recognized by a web server communicating with the online devices as having the same IP address, *i.e.*, the IP address of the modem connecting the LAN to the Internet. Based on that common IP address, the web server can infer that the online devices share a LAN. In another example, online devices sharing a LAN in an IPv6 architecture might be recognized by a web server communicating with the online devices as having a partial identical IP address (*e.g.*, due to the online devices sharing a sub-net (the LAN), the prefixes of their IP addresses would be the same). Based on the sharing of part of an IP address, the web server can infer that the online devices share a LAN. In yet another example, online devices sharing a LAN (for example in an IPv6 architecture) can be recognized as such by a web server that has access to the online devices' IP addresses using the following method. The server can trace the route through the Internet from the server (the origin) to each online device (the destination), *e.g.*, using a command such as "tracert" in a Windows® operating system. The server can recognize that the router, one "hop" before the route ends at each online device, is the same router for all of the online devices of a group. As a consequence, the server can infer that online devices receiving Internet traffic via that router are connected to a common LAN. (The server can recognize the router according to its IP address and optionally can determine whether the router's IP address is a residential or commercial IP address

using a third party database.) More generally speaking, a LAN can serve as a proxy for a STB location. The LAN can be identified in different ways. Some of those ways include, but are not limited to: (a) the IP address of a modem connecting the LAN to the Internet in an IPv4 architecture, (b) the prefix of an IPv6 address of devices connected to the LAN or of the LAN's router, or (c) the IP address of the LAN's router.

[0082] Any suitable criterion can be employed for estimating a common location for multiple online devices. For example, if three or more of a group of five online devices are often detected connected to a common LAN (in any suitable way, including those described above), then later detecting three of those five online devices connected to a common LAN characterized by a different IP address (or portion thereof) within, *e.g.*, two hours or other suitable time interval, might be a suitable criterion for estimating that the different IP address (or portion thereof) corresponds to the associated STB location. In some instances detecting at least two of the online devices connected to the same LAN might be sufficient, while in other instances detecting four or more online devices connected to the same LAN might be necessary for a reliable presumption of nearness of the online devices to their associated STB.

[0083] Additional examples of ways to determine the location of OD2 that is "near" a STB include the recognition of the usage of a software application on OD2 to control the associated STB, the usage of OD2 to add a movie to an instant queue from which that movie is later pulled to be watched from the STB (within a pre-determined period of time), the taking of a photo of a personalized barcode on the TV screen connected to the STB using OD2 (for example for the purpose of receiving a phone call to the home phone to learn about a product advertised on the television or to be able to view the advertised product web site on the smartphone screen). Such methods can also be employed to estimate that an initiating online device is "near" the STB and can be accurately presumed to function as OD1.

[0084] In another example, a portable device location such as a mobile phone location can serve as an indication of the user location. For example, if a user's laptop (an OD2) is associated with the user's mobile phone (another OD2), the mobile phone user is at home with the mobile phone, and the laptop was left at work, then the home STB can

be targeted with ads based on online activity on the laptop when the mobile phone is recognized to be at home, even if the laptop is not.

[0085] In another variation, an online device is considered to be "near" the STB or not "near" the STB if its location was recorded within a pre-determined time period prior to the targeting of an ad to the STB (for example 30 minutes) and that recorded location is determined to be "near" or not "near" the STB.

[0086] Although a PP could be an independent third party, in some cases it could be owned by a television provider or another entity involved in the sending of ads to STBs. The PP can work with a CAS operated by another entity in some situations. In other cases, a CAS could be owned or operated by a PP. Other combinations are also possible.

[0087] In another example, location information of the STB is not shared by the TVP at all. The PP associates the initiating online device with different locations where it identifies the device ("location" defined in any of the various ways described above). For each such associated location, the PP further associates with the initiating online device other online devices identified by the PP as visiting that location. The time and date when each device was identified at a location can also be recorded. The PP selects different television ads targeted based on profile information associated with the different online devices associated with the different locations visited by the initiating online device. The PP provides the TVP with the television ads targeting the different online devices along with indicators of their respective locations (and possibly the time and date they were identified at that location). The TVP, which has access to STB location information, but does not share the information, can then compare the different locations with the STB location and deliver to the STB ads selected based on OD2 profiles for only those online devices that were detected at the STB location.

[0088] Profile information associated with a given OD2 and used for selecting television advertisements targeted to a user of OD2 can originate from a variety of sources. For example, the PP can collect demographic or behavioral profile information based on online activity of the user of OD2, *e.g.*, as disclosed by U.S. Patent 6,925,440, U.S. Patent 7,428,493, or U.S. Patent Pub. 2008/0313194 referenced

above. In another example, the PP can obtain offline profile data pertaining to a user of OD2 that is a subscriber of an ISP that provides online access to the user of OD2, *e.g.*, as disclosed by U.S. Pat. 7,890,609 referenced above. In another example, the PP can obtain offline profile data pertaining to a user of OD1 (*i.e.*, the television subscriber of the TVP). That offline data can be obtained from the TVP or from a third-party provider of such offline data (typically facilitated by the TVP). The offline data typically is added to a profile for the user of OD1. However, providers of such offline profile information (*e.g.*, credit reporting bureaus or direct-mail marketing companies) typically link much of the information by household. For example, such offline data for a husband and wife residing at the same address typically would be linked to one another. Therefore, it can be desirable for the PP also to link, to the profile associated with OD2, offline data obtained for the user of OD1. If the users of OD1 and OD2 are members of the same household, then a significant portion of the offline data obtained for the OD1 user will be pertinent to the OD2 user. The offline data associated with OD1 (facilitated by the TVP), can be associated with OD2 even if OD2 is "near" the STB location only transiently. The offline data thus associated with OD2 can be used to select television ads to be delivered to OD2 user on the associated STB; in addition, that offline data can also be used to select online ads to be delivered on OD2.

[0089] The TVP can transmit offline profile information, or facilitate transmission from a third-party provider of such information, to the PP in any suitable way. For example, in several of the methods employed by the TVP to associate a primary online device OD1 with a STB (*e.g.*, wherein a TVP email, a TVP site or application log in, or a personalized barcode is employed), the TVP can transmit to the PP offline profile data pertinent to the television subscriber (*i.e.*, the user of OD1). The offline data can comprise information collected by the TVP itself, or can include information collected by the TVP from third-party providers. The offline data can be transmitted in any suitable manner, including those described above for conveying to the PP the STB identifier or pseudonym. The STB identifier or pseudonym and the offline data can be transmitted by the TVP to the PP together, or the offline data can be transmitted later and labeled with the STB identifier or pseudonym, to enable the PP to link the offline data to the STB and to any OD1 or OD2s associated with the STB. In another example, the TVP

can transmit to a third-party offline data provider the television subscriber name (which is also the OD1 user name) and the corresponding STB identifier or pseudonym (which identifier or pseudonym is also transmitted to the PP to associate STB and OD1). The third-party data provider can in turn retrieve the pertinent offline data and transmit it to the PP along with the STB identifier or pseudonym, thereby enabling the PP to link the transmitted offline data to the OD1 profile, and also to any associated OD2 profiles, if desired. Use of a STB pseudonym may be preferred in this example, to limit the number of entities that become aware of the actual STB identifier used by the TVP. To address subscriber privacy concerns in any of the foregoing examples, it may be desirable that no PII (or only limited PII) be included in the offline data transmitted to the PP.

[0090] In may be desirable, required, or necessary to maintain segregation of a subscriber's PII and online behavioral information. In the methods described above, the PP need not convey to the TVP any of the online profile information pertaining to online activity conducted via OD1 or any OD2. Conversely, the TVP (or third-party offline data provider) need not convey to the PP the subscriber's PII, except possibly location information for the subscriber's STB. That location information can be made as precise or imprecise as needed or desired to maintain a desired balance between maintaining subscriber privacy and establishing STB/OD1/OD2 associations with a necessary or desired level of accuracy.

[0091] None of disclosed methods necessarily require the subscriber's PII to be transmitted to the PP; neither is such merging of PII and online profile information necessarily precluded. The merging of PII with online behavioral profile information would require asking consumers to opt-in and agree to the merger of the data. Segregation of PII from online behavior information can be opt-out-based and does not require asking consumers to agree; they can opt-out if they so choose. Because opt-out-based solutions enable large scale deployments whereas opt-in-based solutions usually lead to limited-scale deployments, it may be desirable in many instances to implement the methods described herein in an opt-out fashion, maintaining segregation of the subscriber's PII from his or her online behavioral profile information.

[0092] One or more servers of the PP computer system can be programmed and connected to record in a log, history, tag or database time, date, and location data for each electronic contact with a multitude of online devices. Location data can include device GPS coordinates, identifiers of surrounding WiFi networks or cells towers and their relative signal strengths as recorded by the device, IP address, LAN proxies (*e.g.*, the IP address of the modem connecting the LAN to the Internet, or the IP address or IP address prefix of the LAN's router), physical address, or other data that directly or indirectly can enable the computer system to determine, estimate, or infer the location of the online device. One or more PP servers can be further programmed and connected to receive data pertaining to an initiating online device used by a TVP subscriber and that subscriber's STB identifier and to store such data in a log, history, tag, or database. One or more PP servers can be further programmed and connected to search, on a batch, on-demand, or ongoing basis such logs, histories, or databases to seek online device locations that might be "near" an STB location or "near" another online device location. Various steps of the methods described above can be performed in response to finding such pairs of nearby device locations. Various steps of the methods described above can be performed in response to collection of a new piece of data (*e.g.*, upon encountering of an online device, whether following a URL redirection from a TVP server or another PP server, at a certain time of the day, or from a specific location or type of location, and so on).

[0093] In any of the examples including delivery of targeted online ads or targeted television ads, the ads can be provided by a wide variety of sources or entities, and revenues can be generated and distributed in a wide variety of ways. Examples are disclosed in one or more of the applications cited above. In various examples, a PP can be compensated for enabling targeting of a television advertisement (based on online profile information) as well as targeting an online advertisement (based on actual or presumed viewing of the television ad). In another example, a PP could be compensated for providing information that is used in measuring the effectiveness of television advertisements.

[0094] For example, if following the presumed viewing of a Nissan Murano (an SUV) TV ad on a STB, an associated online user interface device is used to research the

Nissan Murano on cars.com (a car review site), if cars.com redirects all visitor computers that read reviews of the Nissan Murano on cars.com to the CAS, then as a consequence of the redirect, the CAS can recognize the visit from the online interface device associated with the STB where the Nissan Murano television advertisement was presumed viewed. Such information can be very valuable for the advertiser. The advertiser or an advertiser representative (such as an ad agency), or an entity providing the advertiser with the service of measuring the effectiveness of the advertiser's TV ads as reflected by follow-up online behavior, could compensate cars.com for redirecting to the CAS those computers that visit cars.com's Nissan Murano review section.

[0095] In another example, a PP is compensated for the usage of offline data in targeting an OD2 with online ads or the usage of offline data in targeting an OD2 user on a STB associated with OD2 with television ads, where, in both cases, the offline data is received by the PP following the facilitation of the TVP.

[0096] The TV ads directed to STBs at the request of a PP can come from a variety of sources. Likewise, online ads directed to online user interface devices can come from a variety of sources. In one example, a given PP can request that the CAS direct an advertisement to the user's STB or online user interface device from (or on behalf of) the PP itself (if, for example, the PP is an online advertiser site interested in delivering TV ads to people that visited its online site) or from another entity that sells ad space to advertisers, some of whom may desire to present ads to the PP site's presumed audience. In that example, the proprietor of the CAS, as the facilitator of the targeted ad delivery, can receive a payment from the PP. The CAS proprietor can keep a share of revenue as a commission and pay the TVP for the ad space (except in the case where the CAS proprietor owns the ad space). The TVP can either retain the entire amount paid by the CAS proprietor, if the TVP owns the TV ad space within which the TV ad was delivered, or the TVP can pay some or all of the amount paid by the CAS proprietor to another entity such as a TV broadcasting network, if the TVP does not own the ad space.

[0097] In another example, the CAS can pay the TVP for electronically associating the online user interface device and STB, pay a television ad space seller for the TV ad

space, and pay an online site (or profile aggregator) for the use of its profile data in targeting the TV ad (unless the online site sold the TV ad or requested its delivery).

[0098] In still another example, the CAS can record which entity is entitled to what payments, and payments are made directly from the television ad space seller or television advertiser to the various entitled entities, based on the CAS's records.

[0099] In an example wherein the STB is provided by a third party other than the TVP (such as a service provider like Tivo), the STB provider can arrange with content owners (such as a TV broadcasting network) to have the service provider's STBs replace broadcasted TV ads with targeted TV ads, where a targeted TV ad is available, and the service provider and the TV broadcasting network can share the revenue with the CAS proprietor as discussed above. In some cases, the CAS can be owned by a TVP, an ISP, an STB provider, an online site, an advertiser, an advertising agency, an advertiser representative, an online ad space seller, a TV ad space owner, or a TV content provider, in which case the payments will be divided in accordance to the respective roles. In general, a payment from a TV advertiser is used to pay the TV ad space owner and the entities facilitating the delivery of the targeted TV ad.

[0100] In another example, the online site or other PP can request that a television ad be directed to the user's STB from another advertiser of its own choosing to whom the online site has sold an amount of television advertising space, or that an online ad be directed to the user's online user interface device from another advertiser of its own choosing to whom the PP has sold an amount of online advertising space. In that example the PP or online site can collect a revenue amount from the site-chosen advertiser while paying the CAS, ISP, TVP, ISP/TVP, or ad space owner(s) in return for assisting to facilitate delivery of the ad(s) provided by the site-chosen advertiser.

[0101] In another example, the PP provides a profile to the CAS in return for a payment triggered (1) every time the provided profile (whether including behavioral or demographic data) is used to deliver a TV ad, (2) when a TV ad that has been delivered using the provided profile generates revenues, (3) every time the provided profile (whether including behavioral or demographic data) is used to deliver an online ad, (4) when an online ad that has been delivered using the provided profile generates

revenues, or (5) simply on account of delivery of the profile without regard to whether, how often, or how effectively it is used.

[0102] The TV or online advertisement itself can be sold by the CAS, ISP, TVP, ISP/TVP, STB provider, TV ad space owner, or any third party such as a reseller or a firm that represents ad space owners or PPs and sells to advertisers. In that example the PP can collect a revenue amount from any of the entities benefiting from the delivery of the TV or online ad based on the profile provided by the PP, including the ad space owner, STB provider, CAS, ISP, TVP, ISP/TVP, or a third party selling the targeted ad space. The PP, reseller, or the other advertisers can also pay a revenue amount to the CAS, ISP, TVP, or ISP/TVP in return for directing the ad to the STB.

[0103] A third party offline data provider that provides a PP with offline data following the facilitation of a TVP, could in one example receive a payment from the PP or any other entity benefiting from the usage of the offline data in targeting ads to an OD2 user, whether those ads are online ads on OD2 or television ads on a STB associated with OD2. In another example, the offline data provider pays the PP for associating the offline data with device OD2 thereby enabling usage of the offline data in targeting OD2 with online ads or targeting the OD2 user with television ads on a STB associated with OD2. The third party offline data provider could pay the PP for the association, when the data is used to target ads, when the ads targeted using the data generate any response (including sales), any combination of those payment methods, or any other compensation method.

[0104] The systems and methods disclosed herein can be used to generate revenue in a variety of ways for various of the involved entities, not limited to the examples given here, that fall within the scope of the present disclosure or appended claims. The terms “pay,” “collect,” “receive,” and so forth, when referring to revenue amounts, can denote actual exchanges of funds or can denote credits or debits to electronic accounts, possibly including automatic payment implemented with computer tracking and storing of information in one or more computer-accessible databases. The terms can apply whether the payments are characterized as commissions, royalties, referral fees, holdbacks, overrides, purchase-resales, or any other compensation arrangements

giving net results of split advertising revenues as stated above. Payment can occur manually or automatically, either immediately, such as through micro-payment transfers, periodically, such as daily, weekly, or monthly, or upon accumulation of payments from multiple events totaling above a threshold amount. The systems and methods disclosed herein can be implemented with any suitable accounting modules or subsystems for tracking such payments or receipts of funds.

[0105] Various actions or method steps characterized herein as being performed by a particular entity typically are performed automatically by one or more computers or computer systems under the control of that entity, whether owned or rented, and whether at the entity's facility or at a remote location. The methods disclosed here are typically performed using software of any suitable type running on one or more computers, one or more of which are connected to the Internet. The software can be self-contained on a single computer, duplicated on multiple computers, or distributed with differing portions or modules on different computers. The software can be executed by one or more servers, or the software (or a portion thereof) can be executed by an online user interface device used by the electronic visitor (*e.g.*, a desktop or portable computer; a wireless handset, "smart phone," or other wireless device; a personal digital assistant (PDA) or other handheld device; a television or STB). Software running on the visitor's online user interface device can include, *e.g.*, Java™ client software or so-called adware. Some methods can include downloading such software to an electronic visitor's online user interface device to perform there one or more of the methods disclosed herein.

[0106] The profile information described can be included as a portion of the tags or cookies placed on a visitor's device, or the tags or cookies can merely include an identifier associated with the visitor's profile that is stored elsewhere (*e.g.*, in a database on a profile owner server, profile supplier server, or media property server). The profile information need not be stored in a single location or under the control of a single entity, nor does control or use of the profile information need to be performed at a single location or under control of a single entity.

[0107] The systems and methods disclosed herein can be implemented as general or special purpose computers or servers or other programmable hardware devices programmed through software, or as hardware or equipment "programmed" through hard wiring, or a combination of the two. A "computer" (*e.g.*, a "server" or an online user interface device) can comprise a single machine or processor or can comprise multiple interacting machines or processors (located at a single location or at multiple locations remote from one another). A computer-readable medium can be encoded with a computer program, so that execution of that program by one or more computers causes the one or more computers to perform one or more of the methods disclosed herein. Suitable media can include temporary or permanent storage or replaceable media, such as network-based or Internet-based or otherwise distributed storage of software modules that operate together, RAM, ROM, CD ROM, CD-R, CD-R/W, DVD ROM, DVD±R, DVD±R/W, hard drives, thumb drives, flash memory, optical media, magnetic media, semiconductor media, or any future storage alternatives. Such media can also be used for databases recording the information described above.

[0108] It is intended that equivalents of the disclosed exemplary embodiments and methods shall fall within the scope of this disclosure or appended claims. It is intended that the disclosed exemplary embodiments and methods, and equivalents thereof, may be modified while remaining within the scope of this disclosure or appended claims.

[0109] In the foregoing Detailed Description, various features may be grouped together in several exemplary embodiments or examples for the purpose of streamlining the disclosure. However, inventive subject matter may lie in less than all features of a single disclosed exemplary embodiment. No feature should be considered "essential" or "necessary" absent express reference to that effect. The present disclosure shall also be construed as implicitly disclosing any embodiment having any suitable combination of disclosed features or examples (*i.e.*, combinations of features or examples that are not incompatible or mutually exclusive) that appear in the present disclosure, including those combinations of features or examples that may not be explicitly disclosed herein in a stated combination.

[0110] For purposes here, the conjunction "or" is to be construed inclusively (*e.g.*, "a dog or a cat" would be interpreted as "a dog, or a cat, or both"; *e.g.*, "a dog, a cat, or a mouse" would be interpreted as "a dog, or a cat, or a mouse, or any two, or all three"), unless: (i) it is explicitly stated otherwise, *e.g.*, by use of "either…or," "only one of," or similar language; or (ii) two or more of the listed alternatives are mutually exclusive within the particular context, in which case "or" would encompass only those combinations involving non-mutually-exclusive alternatives. For purposes here, the words "comprising," "including," "having," and variants thereof, wherever they appear, shall be construed as open-ended terminology, with the same meaning as if the phrase "at least" were appended after each instance thereof.

[0111] If the provisions of 35 USC § 112 ¶ 6 are desired to be invoked in any apparatus claim associated herewith, then the word "means" will appear in that apparatus claim. If those provisions are desired to be invoked in a method claim, the words "a step for" will appear in that method claim. Conversely, if the words "means" or "a step for" do not appear in a claim, then the provisions of 35 USC § 112 ¶ 6 are not intended to be invoked for that claim.

CLAIMS

What is claimed is:

1. A method implemented using a programmed hardware computer system, the method comprising:
   (a) using the computer system, selecting a television advertisement to be directed to a set-top box, which television advertisement is selected based at least in part on profile information pertaining to a user of or online activity performed with a secondary online device associated with the set-top box,
   (b) wherein the association between the secondary online device and the set-top box is indicated by (i) stored electronic indicia of a proxy location of the set-top box, which proxy location is a location of a primary online device at a time when the primary online device is estimated to have been at a location shared with the set-top box, and (ii) stored electronic indicia indicating that the secondary online device is estimated to have been at least transiently located at the proxy location of the set-top box.

2. The method of claim 1 further comprising, using the computer system, identifying as the primary online device an online device estimated to be at a location shared by the set-top box, and storing the electronic indicia of the proxy location of the set-top box.

3. The method of claim 1 further comprising, using the computer system, identifying one or more secondary online devices that are each estimated to have been at least transiently located at the proxy location of the set-top box and storing electronic indicia of a corresponding association between the set-top box and each one of the one or more identified secondary online devices.

4. The method of claim 3 further comprising, using the computer system, deleting or disregarding the stored electronic indicia of the corresponding association between the set-top box and one of the one or more identified secondary online devices that has not been estimated to be located, within a specified time period

after having been estimated to have been at least transiently located at the proxy location, at the proxy location of the set-top box.

5. The method of claim 1 wherein the set-top box lacks online access.

6. The method of claim 1 wherein the set-top box lacks a wireless connection to the secondary online device.

7. The method of claim 1 wherein the stored electronic indicia of the proxy location of the set-top box comprise data indicating at least a portion of an IP address used to route network traffic to the primary online device at the time when the primary online device is estimated to have been at the location shared with the set-top box.

8. The method of claim 1 wherein the stored electronic indicia of the proxy location of the set-top box comprise data indicating by an estimated geographic location of the primary online device at the time when the primary online device is estimated to have been at the location shared with the set-top box.

9. The method of claim 1 wherein the profile information includes a history of online activity performed with the secondary online device.

10. The method of claim 1 further comprising, using the computer system, causing the selected television advertisement to be directed to the set-top box, for presentation during a time period during which the secondary online device is estimated to be at the proxy location of the set-top box.

11. The method of claim 10 wherein (i) the proxy location of the set-top box is indicated by at least a portion of an IP address used to route network traffic to the primary online device at the time when the primary online device is estimated to have been at the location shared with the set-top box, and (ii) the secondary online device is estimated to be at the proxy location based on at least a portion of an IP address, used to route network traffic to the secondary online device, that

matches at least a portion of the IP address that indicates the set-top box proxy location.

12. The method of claim 1 further comprising, using the computer system, causing the selected television advertisement to be directed to the set-top box, for presentation during a selected time period, based on an observed correlation between (i) a specific television program or channel being presented via the set-top box during the selected time period and (ii) at least a portion of the profile information.

13. The method of claim 1 further comprising, using the computer system, causing the selected television advertisement to be directed to the set-top box, for presentation during a selected time period, based on an observed correlation between (i) the selected time period and (ii) previous specific time periods during which the secondary online device was estimated to have been at the proxy location of the set-top box.

14. A computer-implemented method of dealing with online activity of a user having a set-top box and a secondary online device, the method comprising:
    (a) receiving at a computer a notification, wherein the notification: (i) includes or references a set-top box identifier, and (ii) results from and signifies a television advertisement being presented using the set-top box that corresponds to the set-top box identifier; and
    (b) based on the notification, automatically with the computer causing an action to be taken with respect to online activity through the secondary online device subsequent to presentation of the television advertisement, which secondary online device corresponds, at the time of the action, to a secondary online device identifier,
    (c) wherein the secondary online device identifier is associated with the set top box identifier, and that association is indicated by (i) stored electronic indicia of a proxy location of the set-top box, which proxy location is a location of a primary online device at a time when the primary online device is estimated to

have been at a location shared with the set-top box, and (ii) stored electronic indicia indicating that the secondary online device is estimated to have been at least transiently located at the proxy location of the set-top box.

15. The method of claim 14 further comprising linking in a database electronic indicia indicating (i) the action in part (b) and (ii) the presented television advertisement.

16. The method of claim 14 wherein the action in part (b) includes causing a selected online advertisement to be directed to the secondary online device.

17. The method of claim 14 wherein the action in part (b) includes causing recording that a select online activity occurred subsequent to presentation of the television advertisement, which online activity was tracked from the secondary online device.

18. The method of claim 14 further comprising, using the computer system, identifying as the primary online device an online device estimated to be at a location shared by the set-top box, and storing the electronic indicia of the proxy location of the set-top box.

19. The method of claim 14 further comprising, using the computer system, identifying one or more secondary online devices that are each estimated to have been at least transiently located at the proxy location of the set-top box and storing electronic indicia of a corresponding association between the set-top box and each one of the one or more identified secondary online devices.

20. The method of claim 19 further comprising, using the computer system, deleting or disregarding the stored electronic indicia of the corresponding association between the set-top box and one of the one or more identified secondary online devices that has not been estimated to be located, within a specified time period after having been estimated to have been at least transiently located at the proxy location, at the proxy location of the set-top box.

21. The method of claim 14 wherein the set-top box lacks online access.

22. The method of claim 14 wherein the set-top box lacks a wireless connection to the secondary online device.

23. The method of claim 14 wherein the stored electronic indicia of the proxy location of the set-top box comprise data indicating at least a portion of an IP address used to route network traffic to the primary online device at the time when the primary online device is estimated to have been at the location shared with the set-top box.

24. The method of claim 14 wherein the stored electronic indicia of the proxy location of the set-top box comprise data indicating an estimated geographic location of the primary online device at the time when the primary online device is estimated to have been at the location shared with the set-top box.

25. The method of claim 14 wherein the profile information includes a history of online activity performed with the secondary online device.

26. The method of claim 14 further comprising, using the computer system, causing the selected television advertisement to be directed to the set-top box, for presentation during a time period during which the secondary online device is estimated to be at the proxy location of the set-top box.

27. The method of claim 26 wherein (i) the proxy location of the set-top box is indicated by at least a portion of an IP address used to route network traffic to the primary online device at the time when the primary online device is estimated to have been at the location shared with the set-top box, and (ii) the secondary online device is estimated to be at the proxy location based on at least a portion of an IP address, used to route network traffic to the secondary online device, that matches at least a portion of the IP address that indicates the set-top box proxy location.

28. The method of claim 14 further comprising, using the computer system, causing the selected television advertisement to be directed to the set-top box, for presentation during a selected time period, based on an observed correlation

between (i) a specific television program or channel being presented via the set-top box during the selected time period and (ii) at least a portion of the profile information.

29. The method of claim 14 further comprising, using the computer system, causing the selected television advertisement to be directed to the set-top box, for presentation during a selected time period, based on an observed correlation between (i) the selected time period and (ii) previous specific time periods during which the secondary online device was estimated to have been at the proxy location of the set-top box.

30. A machine comprising a hardware computer system structured and programmed to perform a method comprising:
    (a) using the computer system, selecting a television advertisement to be directed to a set-top box, which television advertisement is selected based at least in part on profile information pertaining to a user of or online activity performed with a secondary online device associated with the set-top box,
    (b) wherein the association between the secondary online device and the set-top box is indicated by (i) stored electronic indicia of a proxy location of the set-top box, which proxy location is a location of a primary online device at a time when the primary online device is estimated to have been at a location shared with the set-top box, and (ii) stored electronic indicia indicating that the secondary online device is estimated to have been at least transiently located at the proxy location of the set-top box.

31. The system of claim 30 wherein the method further comprises, using the computer system, identifying as the primary online device an online device estimated to be at a location shared by the set-top box, and storing the electronic indicia of the proxy location of the set-top box.

32. The system of claim 30 wherein the method further comprises, using the computer system, identifying one or more secondary online devices that are each estimated to have been at least transiently located at the proxy location of the set-top box

and storing electronic indicia of a corresponding association between the set-top box and each one of the one or more identified secondary online devices.

33. The system of claim 32 wherein the method further comprises, using the computer system, deleting or disregarding the stored electronic indicia of the corresponding association between the set-top box and one of the one or more identified secondary online devices that has not been estimated to be located, within a specified time period after having been estimated to have been at least transiently located at the proxy location, at the proxy location of the set-top box.

34. The system of claim 30 wherein the set-top box lacks online access.

35. The system of claim 30 wherein the set-top box lacks a wireless connection to the secondary online device.

36. The system of claim 30 wherein the stored electronic indicia of the proxy location of the set-top box comprise data indicating at least a portion of an IP address used to route network traffic to the primary online device at the time when the primary online device is estimated to have been at the location shared with the set-top box.

37. The system of claim 30 wherein the stored electronic indicia of the proxy location of the set-top box comprise data indicating by an estimated geographic location of the primary online device at the time when the primary online device is estimated to have been at the location shared with the set-top box.

38. The system of claim 30 wherein the profile information includes a history of online activity performed with the secondary online device.

39. The system of claim 30 wherein the method further comprises, using the computer system, causing the selected television advertisement to be directed to the set-top box, for presentation during a time period during which the secondary online device is estimated to be at the proxy location of the set-top box.

40. The system of claim 39 wherein (i) the proxy location of the set-top box is indicated by at least a portion of an IP address used to route network traffic to the primary online device at the time when the primary online device is estimated to have been at the location shared with the set-top box, and (ii) the secondary online device is estimated to be at the proxy location based on at least a portion of an IP address, used to route network traffic to the secondary online device, that matches at least a portion of the IP address that indicates the set-top box proxy location.

41. The system of claim 30 wherein the method further comprises, using the computer system, causing the selected television advertisement to be directed to the set-top box, for presentation during a selected time period, based on an observed correlation between (i) a specific television program or channel being presented via the set-top box during the selected time period and (ii) at least a portion of the profile information.

42. The system of claim 30 wherein the method further comprises, using the computer system, causing the selected television advertisement to be directed to the set-top box, for presentation during a selected time period, based on an observed correlation between (i) the selected time period and (ii) previous specific time periods during which the secondary online device was estimated to have been at the proxy location of the set-top box.

43. An article comprising a tangible medium encoding computer-readable instructions that, when applied to a computer system, instruct the computer system to perform a method comprising:
    (a) using the computer system, selecting a television advertisement to be directed to a set-top box, which television advertisement is selected based at least in part on profile information pertaining to a user of or online activity performed with a secondary online device associated with the set-top box,
    (b) wherein the association between the secondary online device and the set-top box is indicated by (i) stored electronic indicia of a proxy location of the set-top

box, which proxy location is a location of a primary online device at a time when the primary online device is estimated to have been at a location shared with the set-top box, and (ii) stored electronic indicia indicating that the secondary online device is estimated to have been at least transiently located at the proxy location of the set-top box.

44. The article of claim 43 wherein the method further comprises, using the computer system, identifying as the primary online device an online device estimated to be at a location shared by the set-top box, and storing the electronic indicia of the proxy location of the set-top box.

45. The article of claim 43 wherein the method further comprises, using the computer system, identifying one or more secondary online devices that are each estimated to have been at least transiently located at the proxy location of the set-top box and storing electronic indicia of a corresponding association between the set-top box and each one of the one or more identified secondary online devices.

46. The article of claim 45 wherein the method further comprises, using the computer system, deleting or disregarding the stored electronic indicia of the corresponding association between the set-top box and one of the one or more identified secondary online devices that has not been estimated to be located, within a specified time period after having been estimated to have been at least transiently located at the proxy location, at the proxy location of the set-top box.

47. The article of claim 43 wherein the set-top box lacks online access.

48. The article of claim 43 wherein the set-top box lacks a wireless connection to the secondary online device.

49. The article of claim 43 wherein the stored electronic indicia of the proxy location of the set-top box comprise data indicating at least a portion of an IP address used to route network traffic to the primary online device at the time when the primary online device is estimated to have been at the location shared with the set-top box.

50. The article of claim 43 wherein the stored electronic indicia of the proxy location of the set-top box comprise data indicating by an estimated geographic location of the primary online device at the time when the primary online device is estimated to have been at the location shared with the set-top box.

51. The article of claim 43 wherein the profile information includes a history of online activity performed with the secondary online device.

52. The article of claim 43 wherein the method further comprises, using the computer system, causing the selected television advertisement to be directed to the set-top box, for presentation during a time period during which the secondary online device is estimated to be at the proxy location of the set-top box.

53. The article of claim 52 wherein (i) the proxy location of the set-top box is indicated by at least a portion of an IP address used to route network traffic to the primary online device at the time when the primary online device is estimated to have been at the location shared with the set-top box, and (ii) the secondary online device is estimated to be at the proxy location based on at least a portion of an IP address, used to route network traffic to the secondary online device, that matches at least a portion of the IP address that indicates the set-top box proxy location.

54. The article of claim 43 wherein the method further comprises, using the computer system, causing the selected television advertisement to be directed to the set-top box, for presentation during a selected time period, based on an observed correlation between (i) a specific television program or channel being presented via the set-top box during the selected time period and (ii) at least a portion of the profile information.

55. The article of claim 43 wherein the method further comprises, using the computer system, causing the selected television advertisement to be directed to the set-top box, for presentation during a selected time period, based on an observed correlation between (i) the selected time period and (ii) previous specific time

periods during which the secondary online device was estimated to have been at the proxy location of the set-top box.

56. A machine comprising a hardware computer system structured and programmed to perform a method of dealing with online activity of a user having a set-top box and a secondary online device, the method comprising:
    (a) receiving at the computer system a notification, wherein the notification: (i) includes or references a set-top box identifier, and (ii) results from and signifies a television advertisement being presented using the set-top box that corresponds to the set-top box identifier; and
    (b) based on the notification, automatically with the computer system causing an action to be taken with respect to online activity through the secondary online device subsequent to presentation of the television advertisement, which secondary online device corresponds, at the time of the action, to a secondary online device identifier,
    (c) wherein the secondary online device identifier is associated with the set top box identifier, and that association is indicated by (i) stored electronic indicia of a proxy location of the set-top box, which proxy location is a location of a primary online device at a time when the primary online device is estimated to have been at a location shared with the set-top box, and (ii) stored electronic indicia indicating that the secondary online device is estimated to have been at least transiently located at the proxy location of the set-top box.

57. The system of claim 56 wherein the method further comprises linking in a database electronic indicia indicating (i) the action in part (b) and (ii) the presented television advertisement.

58. The system of claim 56 wherein the action in part (b) includes causing a selected online advertisement to be directed to the secondary online device.

59. The system of claim 56 wherein the action in part (b) includes causing recording that a select online activity occurred subsequent to presentation of the television advertisement, which online activity was tracked from the secondary online device.

60. The system of claim 56 wherein the method further comprises, using the computer system, identifying as the primary online device an online device estimated to be at a location shared by the set-top box, and storing the electronic indicia of the proxy location of the set-top box.

61. The system of claim 56 wherein the method further comprises, using the computer system, identifying one or more secondary online devices that are each estimated to have been at least transiently located at the proxy location of the set-top box and storing electronic indicia of a corresponding association between the set-top box and each one of the one or more identified secondary online devices.

62. The system of claim 61 wherein the method further comprises, using the computer system, deleting or disregarding the stored electronic indicia of the corresponding association between the set-top box and one of the one or more identified secondary online devices that has not been estimated to be located, within a specified time period after having been estimated to have been at least transiently located at the proxy location, at the proxy location of the set-top box.

63. The system of claim 56 wherein the set-top box lacks online access.

64. The system of claim 56 wherein the set-top box lacks a wireless connection to the secondary online device.

65. The system of claim 56 wherein the stored electronic indicia of the proxy location of the set-top box comprise data indicating at least a portion of an IP address used to route network traffic to the primary online device at the time when the primary online device is estimated to have been at the location shared with the set-top box.

66. The system of claim 56 wherein the stored electronic indicia of the proxy location of the set-top box comprise data indicating an estimated geographic location of the primary online device at the time when the primary online device is estimated to have been at the location shared with the set-top box.

67. The system of claim 56 wherein the profile information includes a history of online activity performed with the secondary online device.

68. The system of claim 56 wherein the method further comprises, using the computer system, causing the selected television advertisement to be directed to the set-top box, for presentation during a time period during which the secondary online device is estimated to be at the proxy location of the set-top box.

69. The system of claim 68 wherein (i) the proxy location of the set-top box is indicated by at least a portion of an IP address used to route network traffic to the primary online device at the time when the primary online device is estimated to have been at the location shared with the set-top box, and (ii) the secondary online device is estimated to be at the proxy location based on at least a portion of an IP address, used to route network traffic to the secondary online device, that matches at least a portion of the IP address that indicates the set-top box proxy location.

70. The system of claim 56 wherein the method further comprises, using the computer system, causing the selected television advertisement to be directed to the set-top box, for presentation during a selected time period, based on an observed correlation between (i) a specific television program or channel being presented via the set-top box during the selected time period and (ii) at least a portion of the profile information.

71. The system of claim 56 wherein the method further comprises, using the computer system, causing the selected television advertisement to be directed to the set-top box, for presentation during a selected time period, based on an observed correlation between (i) the selected time period and (ii) previous specific time periods during which the secondary online device was estimated to have been at the proxy location of the set-top box.

72. An article comprising a tangible medium encoding computer-readable instructions that, when applied to a computer system, instruct the computer system to perform

a method of dealing with online activity of a user having a set-top box and a secondary online device, the method comprising:

(a) receiving at the computer system a notification, wherein the notification: (i) includes or references a set-top box identifier, and (ii) results from and signifies a television advertisement being presented using the set-top box that corresponds to the set-top box identifier; and

(b) based on the notification, automatically with the computer system causing an action to be taken with respect to online activity through the secondary online device subsequent to presentation of the television advertisement, which secondary online device corresponds, at the time of the action, to a secondary online device identifier,

(c) wherein the secondary online device identifier is associated with the set top box identifier, and that association is indicated by (i) stored electronic indicia of a proxy location of the set-top box, which proxy location is a location of a primary online device at a time when the primary online device is estimated to have been at a location shared with the set-top box, and (ii) stored electronic indicia indicating that the secondary online device is estimated to have been at least transiently located at the proxy location of the set-top box.

73. The article of claim 72 wherein the method further comprises linking in a database electronic indicia indicating (i) the action in part (b) and (ii) the presented television advertisement.

74. The article of claim 72 wherein the action in part (b) includes causing a selected online advertisement to be directed to the secondary online device.

75. The article of claim 72 wherein the action in part (b) includes causing recording that a select online activity occurred subsequent to presentation of the television advertisement, which online activity was tracked from the secondary online device.

76. The article of claim 72 wherein the method further comprises, using the computer system, identifying as the primary online device an online device estimated to be

at a location shared by the set-top box, and storing the electronic indicia of the proxy location of the set-top box.

77. The article of claim 72 wherein the method further comprises, using the computer system, identifying one or more secondary online devices that are each estimated to have been at least transiently located at the proxy location of the set-top box and storing electronic indicia of a corresponding association between the set-top box and each one of the one or more identified secondary online devices.

78. The article of claim 77 wherein the method further comprises, using the computer system, deleting or disregarding the stored electronic indicia of the corresponding association between the set-top box and one of the one or more identified secondary online devices that has not been estimated to be located, within a specified time period after having been estimated to have been at least transiently located at the proxy location, at the proxy location of the set-top box.

79. The article of claim 72 wherein the set-top box lacks online access.

80. The article of claim 72 wherein the set-top box lacks a wireless connection to the secondary online device.

81. The article of claim 72 wherein the stored electronic indicia of the proxy location of the set-top box comprise data indicating at least a portion of an IP address used to route network traffic to the primary online device at the time when the primary online device is estimated to have been at the location shared with the set-top box.

82. The article of claim 72 wherein the stored electronic indicia of the proxy location of the set-top box comprise data indicating an estimated geographic location of the primary online device at the time when the primary online device is estimated to have been at the location shared with the set-top box.

83. The article of claim 72 wherein the profile information includes a history of online activity performed with the secondary online device.

84. The article of claim 72 wherein the method further comprises, using the computer system, causing the selected television advertisement to be directed to the set-top box, for presentation during a time period during which the secondary online device is estimated to be at the proxy location of the set-top box.

85. The article of claim 84 wherein (i) the proxy location of the set-top box is indicated by at least a portion of an IP address used to route network traffic to the primary online device at the time when the primary online device is estimated to have been at the location shared with the set-top box, and (ii) the secondary online device is estimated to be at the proxy location based on at least a portion of an IP address, used to route network traffic to the secondary online device, that matches at least a portion of the IP address that indicates the set-top box proxy location.

86. The article of claim 72 wherein the method further comprises, using the computer system, causing the selected television advertisement to be directed to the set-top box, for presentation during a selected time period, based on an observed correlation between (i) a specific television program or channel being presented via the set-top box during the selected time period and (ii) at least a portion of the profile information.

87. The article of claim 72 wherein the method further comprises, using the computer system, causing the selected television advertisement to be directed to the set-top box, for presentation during a selected time period, based on an observed correlation between (i) the selected time period and (ii) previous specific time periods during which the secondary online device was estimated to have been at the proxy location of the set-top box.

88. A method implemented using a programmed hardware computer system, the method comprising:
    (a) using the computer system, determining an association among a set of devices, which set includes (i) a plurality of first, identified online devices, wherein network traffic was routed to each of the first online devices using a

first, common IP address or portion thereof during a first, selected time period, and (ii) an additional device that is not an identified online device;

(b) using the computer system, determining that network traffic has been routed to a selected minimum number of multiple first online devices of the set of associated devices during a second, subsequent time period using a second, common IP address or portion thereof that is different from the first, common IP address or portion thereof; and

(c) causing an advertisement to be selected for direction to the additional device, based at least in part on profile information associated with a second online device, wherein network traffic is routed to the second online device using the second, common IP address or portion thereof.

89. The method of claim 88 wherein the second online device is one of the first online devices.

90. The method of claim 88 wherein the second online device is an added online device that was not a member of the set of associated devices during the first time period.

91. The method of claim 88 wherein the first time period has a selected duration.

92. The method of claim 88 wherein the first time period begins when first network traffic is routed using the first, common IP address or portion thereof to one of the first online devices and continues at least until second network traffic is routed using the same common IP address or portion thereof to the same one of the first online devices, after other network traffic has been routed using the same common IP address or portion thereof to each of the first online devices other than the same one of the first online devices.

93. The method of claim 88 wherein each of the first online devices is identified by a corresponding cookie, tag, or device fingerprint.

94. The method of claim 88 further comprising, using the computer system, selecting the advertisement to be directed to the additional device of part (c).

95. The method of claim 88 wherein part (c) comprises causing an advertisement to be selected for direction to the additional device, based at least in part on profile information pertaining to a user of the second online device.

96. The method of claim 88 wherein part (c) comprises causing an advertisement to be selected for direction to the additional device, based at least in part on profile information derived from online activity performed with the second online device.

97. A machine comprising a hardware computer system structured and programmed to perform a method of dealing with online activity of a user having a set-top box and a secondary online device, the method comprising:
    (a) using the computer system, determining an association among a set of devices, which set includes (i) a plurality of first, identified online devices, wherein network traffic was routed to each of the first online devices using a first, common IP address or portion thereof during a first, selected time period, and (ii) an additional device that is not an identified online device;
    (b) using the computer system, determining that network traffic has been routed to a selected minimum number of multiple first online devices of the set of associated devices during a second, subsequent time period using a second, common IP address or portion thereof that is different from the first, common IP address or portion thereof; and
    (c) causing an advertisement to be selected for direction to the additional device, based at least in part on profile information associated with a second online device, wherein network traffic is routed to the second online device using the second, common IP address or portion thereof.

98. The system of claim 97 wherein the second online device is one of the first online devices.

99. The system of claim 97 wherein the second online device is an added online device that was not a member of the set of associated devices during the first time period.

100. The system of claim 97 wherein the first time period has a selected duration.

101. The system of claim 97 wherein the first time period begins when first network traffic is routed using the first, common IP address or portion thereof to one of the first online devices and continues at least until second network traffic is routed using the same common IP address or portion thereof to the same one of the first online devices, after other network traffic has been routed using the same common IP address or portion thereof to each of the first online devices other than the same one of the first online devices.

102. The system of claim 97 wherein each of the first online devices is identified by a corresponding cookie, tag, or device fingerprint.

103. The system of claim 97 wherein the method further comprises, using the computer system, selecting the advertisement to be directed to the additional device of part (c).

104. The system of claim 97 wherein part (c) comprises causing an advertisement to be selected for direction to the additional device, based at least in part on profile information pertaining to a user of the second online device.

105. The system of claim 97 wherein part (c) comprises causing an advertisement to be selected for direction to the additional device, based at least in part on profile information derived from online activity performed with the second online device.

106. An article comprising a tangible medium encoding computer-readable instructions that, when applied to a computer system, instruct the computer system to perform a method of dealing with online activity of a user having a set-top box and a secondary online device, the method comprising:
    (a) using the computer system, determining an association among a set of devices, which set includes (i) a plurality of first, identified online devices, wherein network traffic was routed to each of the first online devices using a first, common IP address or portion thereof during a first, selected time period, and (ii) an additional device that is not an identified online device;

(b) using the computer system, determining that network traffic has been routed to a selected minimum number of multiple first online devices of the set of associated devices during a second, subsequent time period using a second, common IP address or portion thereof that is different from the first, common IP address or portion thereof; and

(c) causing an advertisement to be selected for direction to the additional device, based at least in part on profile information associated with a second online device, wherein network traffic is routed to the second online device using the second, common IP address or portion thereof.

107. The article of claim 106 wherein the second online device is one of the first online devices.

108. The article of claim 106 wherein the second online device is an added online device that was not a member of the set of associated devices during the first time period.

109. The article of claim 106 wherein the first time period has a selected duration.

110. The article of claim 106 wherein the first time period begins when first network traffic is routed using the first, common IP address or portion thereof to one of the first online devices and continues at least until second network traffic is routed using the same common IP address or portion thereof to the same one of the first online devices, after other network traffic has been routed using the same common IP address or portion thereof to each of the first online devices other than the same one of the first online devices.

111. The article of claim 106 wherein each of the first online devices is identified by a corresponding cookie, tag, or device fingerprint.

112. The article of claim 106 wherein the method further comprises, using the computer system, selecting the advertisement to be directed to the additional device of part (c).

113. The article of claim 106 wherein part (c) comprises causing an advertisement to be selected for direction to the additional device, based at least in part on profile information pertaining to a user of the second online device.

114. The article of claim 106 wherein part (c) comprises causing an advertisement to be selected for direction to the additional device, based at least in part on profile information derived from online activity performed with the second online device.

ABSTRACT

A profile provider: (i) associates a primary online device (OD1) with a set-top box (STB); (ii) a location of OD1 at some point in time is estimated to be “near” the STB, thereby establishing a STB proxy location; (iii) one or more secondary online devices (OD2s) are observed to be located “near” the STB proxy location and are associated with the STB; and (iv) a television advertisement is selected to be directed to the STB, which selection is based at least in part on profile information linked to one of the associated OD2s. The method can be particularly advantageous in situations wherein: the STB is not connected to any computer network; the STB is not ever connected to the same local area network as OD1 or OD2; or television service (used by the STB) and online access (used by OD1 and OD2s) are provided by different service providers.

PTO/AIA/14 (02-18)
Approved for use through 11/30/2020. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	14-TV12-CON9
	Application Number	
Title of Invention	Methods of using proxy IP addresses and redirection for cross-device actions	

The application data sheet is part of the provisional or nonprovisional application for which it is being submitted. The following form contains the bibliographic data arranged in a format specified by the United States Patent and Trademark Office as outlined in 37 CFR 1.76.
This document may be completed electronically and submitted to the Office in electronic format using the Electronic Filing System (EFS) or the document may be printed and included in a paper filed application.

Secrecy Order 37 CFR 5.2:

☐ Portions or all of the application associated with this Application Data Sheet may fall under a Secrecy Order pursuant to 37 CFR 5.2 (Paper filers only. Applications that fall under Secrecy Order may not be filed electronically.)

Inventor Information:

Inventor 1 Remove

Legal Name

Prefix	Given Name	Middle Name	Family Name	Suffix
Mr.	Roy		Shkedi	

Residence Information (Select One) ● US Residency Non US Residency Active US Military Service

City	Forest Hills	State/Province	NY	Country of Residence	US

Mailing Address of Inventor:

Address 1	37-18 Northern Boulevard, Suite 404		
Address 2			
City	Long Island City	State/Province	NY
Postal Code	11101	Country	US

Inventor 2 Remove

Legal Name

Prefix	Given Name	Middle Name	Family Name	Suffix
Mr.	Dror		Ben-Yishai	

Residence Information (Select One) ○ US Residency ● Non US Residency Active US Military Service

City	Tel Mond	Country of Residence	IL

Mailing Address of Inventor:

Address 1	2a Kremnitski Street		
Address 2			
City	Tel Aviv	State/Province	
Postal Code	678899	Country	IL

All Inventors Must Be Listed - Additional Inventor Information blocks may be generated within this form by selecting the **Add** button. Add

Correspondence Information:

PTO/AIA/14 (02-18)
Approved for use through 11/30/2020. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	14-TV12-CON9
	Application Number	
Title of Invention	Methods of using proxy IP addresses and redirection for cross-device actions	

Enter either Customer Number or complete the Correspondence Information section below.
For further information see 37 CFR 1.33(a).

☐ **An Address is being provided for the correspondence Information of this application.**

Customer Number	26362		
Email Address	louis@valuablepatents.com	Add Email	Remove Email

Application Information:

Title of the Invention	Methods of using proxy IP addresses and redirection for cross-device actions		
Attorney Docket Number	14-TV12-CON9	**Small Entity Status Claimed**	☐
Application Type	Nonprovisional		
Subject Matter	Utility		
Total Number of Drawing Sheets (if any)		**Suggested Figure for Publication (if any)**	

Filing By Reference:

Only complete this section when filing an application by reference under 35 U.S.C. 111(c) and 37 CFR 1.57(a). Do not complete this section if application papers including a specification and any drawings are being filed. Any domestic benefit or foreign priority information must be provided in the appropriate section(s) below (i.e., "Domestic Benefit/National Stage Information" and "Foreign Priority Information").

For the purposes of a filing date under 37 CFR 1.53(b), the description and any drawings of the present application are replaced by this reference to the previously filed application, subject to conditions and requirements of 37 CFR 1.57(a).

Application number of the previously filed application	Filing date (YYYY-MM-DD)	Intellectual Property Authority or Country

Publication Information:

☐ Request Early Publication (Fee required at time of Request 37 CFR 1.219)

☐ **Request Not to Publish.** I hereby request that the attached application not be published under 35 U.S.C. 122(b) and certify that the invention disclosed in the attached application **has not and will not** be the subject of an application filed in another country, or under a multilateral international agreement, that requires publication at eighteen months after filing.

Representative Information:

Representative information should be provided for all practitioners having a power of attorney in the application. Providing this information in the Application Data Sheet does not constitute a power of attorney in the application (see 37 CFR 1.32).
Either enter Customer Number or complete the Representative Name section below. If both sections are completed the customer Number will be used for the Representative Information during processing.

Please Select One:	● Customer Number	US Patent Practitioner	○ Limited Recognition (37 CFR 11.9)
Customer Number	26362		

PTO/AIA/14 (02-18)
Approved for use through 11/30/2020. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	14-TV12-CON9
	Application Number	
Title of Invention	Methods of using proxy IP addresses and redirection for cross-device actions	

Domestic Benefit/National Stage Information:

This section allows for the applicant to either claim benefit under 35 U.S.C. 119(e), 120, 121, 365(c), or 386(c) or indicate National Stage entry from a PCT application. Providing benefit claim information in the Application Data Sheet constitutes the specific reference required by 35 U.S.C. 119(e) or 120, and 37 CFR 1.78.
When referring to the current application, please leave the "Application Number" field blank.

Prior Application Status	Pending			Remove
Application Number	Continuity Type	Prior Application Number	Filing or 371(c) Date (YYYY-MM-DD)	
	Continuation of	17843311	2022-06-17	

Prior Application Status	Patented			Remove	
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	Patent Number	Issue Date (YYYY-MM-DD)
17843311	Continuation of	17390211	2021-07-30	11368763	2022-06-21

Prior Application Status	Patented			Remove	
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	Patent Number	Issue Date (YYYY-MM-DD)
17390211	Continuation of	17013368	2020-09-04	11082753	2021-08-03

Prior Application Status	Patented			Remove	
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	Patent Number	Issue Date (YYYY-MM-DD)
17013368	Continuation of	16556782	2019-08-30	10771860	2020-09-08

Prior Application Status	Patented			Remove	
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	Patent Number	Issue Date (YYYY-MM-DD)
16556782	Continuation of	16117611	2018-08-30	10405058	2019-09-03

Prior Application Status	Patented			Remove	
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	Patent Number	Issue Date (YYYY-MM-DD)
16117611	Continuation of	15450361	2017-03-06	10070200	2018-09-04

Prior Application Status	Patented			Remove	
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	Patent Number	Issue Date (YYYY-MM-DD)
15450361	Continuation of	15047386	2016-02-18	9591380	2017-03-07

Prior Application Status	Patented			Remove	
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	Patent Number	Issue Date (YYYY-MM-DD)
15047386	Continuation of	14790370	2015-07-02	9271024	2016-02-03

PTO/AIA/14 (02-18)
Approved for use through 11/30/2020. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	14-TV12-CON9
	Application Number	
Title of Invention	Methods of using proxy IP addresses and redirection for cross-device actions	

Prior Application Status	Patented			Remove	
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	Patent Number	Issue Date (YYYY-MM-DD)
14790370	Continuation of	14196844	2014-03-04	9078035	2015-07-07
Prior Application Status	Patented			Remove	
Application Number	Continuity Type	Prior Application Number	Filing Date (YYYY-MM-DD)	Patent Number	Issue Date (YYYY-MM-DD)
14196844	Division of	13566881	2012-08-03	8683502	2014-03-25
Prior Application Status				Remove	
Application Number	Continuity Type	Prior Application Number	Filing or 371(c) Date (YYYY-MM-DD)		
13566881	Claims benefit of provisional	61514840	2011-08-03		

Additional Domestic Benefit/National Stage Data may be generated within this form by selecting the **Add** button. Add

Foreign Priority Information:

This section allows for the applicant to claim priority to a foreign application. Providing this information in the application data sheet constitutes the claim for priority as required by 35 U.S.C. 119(b) and 37 CFR 1.55. When priority is claimed to a foreign application that is eligible for retrieval under the priority document exchange program (PDX)[i] the information will be used by the Office to automatically attempt retrieval pursuant to 37 CFR 1.55(i)(1) and (2). Under the PDX program, applicant bears the ultimate responsibility for ensuring that a copy of the foreign application is received by the Office from the participating foreign intellectual property office, or a certified copy of the foreign priority application is filed, within the time period specified in 37 CFR 1.55(g)(1).

Remove

Application Number	Country[i]	Filing Date (YYYY-MM-DD)	Access Code[i] (if applicable)

Additional Foreign Priority Data may be generated within this form by selecting the **Add** button. Add

Statement under 37 CFR 1.55 or 1.78 for AIA (First Inventor to File) Transition Applications

☐ This application (1) claims priority to or the benefit of an application filed before March 16, 2013 and (2) also contains, or contained at any time, a claim to a claimed invention that has an effective filing date on or after March 16, 2013.
NOTE: By providing this statement under 37 CFR 1.55 or 1.78, this application, with a filing date on or after March 16, 2013, will be examined under the first inventor to file provisions of the AIA.

PTO/AIA/14 (02-18)
Approved for use through 11/30/2020. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	14-TV12-CON9
	Application Number	
Title of Invention	Methods of using proxy IP addresses and redirection for cross-device actions	

Authorization or Opt-Out of Authorization to Permit Access:

When this Application Data Sheet is properly signed and filed with the application, applicant has provided written authority to permit a participating foreign intellectual property (IP) office access to the instant application-as-filed (see paragraph A in subsection 1 below) and the European Patent Office (EPO) access to any search results from the instant application (see paragraph B in subsection 1 below).

Should applicant choose not to provide an authorization identified in subsection 1 below, applicant **must opt-out** of the authorization by checking the corresponding box A or B or both in subsection 2 below.

NOTE: This section of the Application Data Sheet is **ONLY** reviewed and processed with the **INITIAL** filing of an application. After the initial filing of an application, an Application Data Sheet cannot be used to provide or rescind authorization for access by a foreign IP office(s). Instead, Form PTO/SB/39 or PTO/SB/69 must be used as appropriate.

1. Authorization to Permit Access by a Foreign Intellectual Property Office(s)

A. Priority Document Exchange (PDX) - Unless box A in subsection 2 (opt-out of authorization) is checked, the undersigned hereby **grants the USPTO authority** to provide the European Patent Office (EPO), the Japan Patent Office (JPO), the Korean Intellectual Property Office (KIPO), the State Intellectual Property Office of the People's Republic of China (SIPO), the World Intellectual Property Organization (WIPO), and any other foreign intellectual property office participating with the USPTO in a bilateral or multilateral priority document exchange agreement in which a foreign application claiming priority to the instant patent application is filed, access to: (1) the instant patent application-as-filed and its related bibliographic data, (2) any foreign or domestic application to which priority or benefit is claimed by the instant application and its related bibliographic data, and (3) the date of filing of this Authorization. See 37 CFR 1.14(h)(1).

B. Search Results from U.S. Application to EPO - Unless box B in subsection 2 (opt-out of authorization) is checked, the undersigned hereby **grants the USPTO authority** to provide the EPO access to the bibliographic data and search results from the instant patent application when a European patent application claiming priority to the instant patent application is filed. See 37 CFR 1.14(h)(2).

The applicant is reminded that the EPO's Rule 141(1) EPC (European Patent Convention) requires applicants to submit a copy of search results from the instant application without delay in a European patent application that claims priority to the instant application.

2. Opt-Out of Authorizations to Permit Access by a Foreign Intellectual Property Office(s)

☐ A. Applicant **DOES NOT** authorize the USPTO to permit a participating foreign IP office access to the instant application-as-filed. If this box is checked, the USPTO will not be providing a participating foreign IP office with any documents and information identified in subsection 1A above.

☐ B. Applicant **DOES NOT** authorize the USPTO to transmit to the EPO any search results from the instant patent application. If this box is checked, the USPTO will not be providing the EPO with search results from the instant application.

NOTE: Once the application has published or is otherwise publicly available, the USPTO may provide access to the application in accordance with 37 CFR 1.14.

PTO/AIA/14 (02-18)
Approved for use through 11/30/2020. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	14-TV12-CON9
	Application Number	
Title of Invention	Methods of using proxy IP addresses and redirection for cross-device actions	

Applicant Information:

Providing assignment information in this section does not substitute for compliance with any requirement of part 3 of Title 37 of CFR to have an assignment recorded by the Office.

Applicant 1 Remove

If the applicant is the inventor (or the remaining joint inventor or inventors under 37 CFR 1.45), this section should not be completed. The information to be provided in this section is the name and address of the legal representative who is the applicant under 37 CFR 1.43; or the name and address of the assignee, person to whom the inventor is under an obligation to assign the invention, or person who otherwise shows sufficient proprietary interest in the matter who is the applicant under 37 CFR 1.46. If the applicant is an applicant under 37 CFR 1.46 (assignee, person to whom the inventor is obligated to assign, or person who otherwise shows sufficient proprietary interest) together with one or more joint inventors, then the joint inventor or inventors who are also the applicant should be identified in this section.

Clear

● Assignee	Legal Representative under 35 U.S.C. 117	Joint Inventor
Person to whom the inventor is obligated to assign.	Person who shows sufficient proprietary interest	

If applicant is the legal representative, indicate the authority to file the patent application, the inventor is:

Name of the Deceased or Legally Incapacitated Inventor:

If the Applicant is an Organization check here. ☒

Organization Name	INTENT IQ, LLC		
Mailing Address Information For Applicant:			
Address 1	37-18 Northern Boulevard, Suite 404		
Address 2			
City	Long Island City	**State/Province**	NY
Country	US	Postal Code	11101
Phone Number	646-217-0930	Fax Number	
Email Address			

Additional Applicant Data may be generated within this form by selecting the Add button. Add

Assignee Information including Non-Applicant Assignee Information:

Providing assignment information in this section does not substitute for compliance with any requirement of part 3 of Title 37 of CFR to have an assignment recorded by the Office.

PTO/AIA/14 (02-18)
Approved for use through 11/30/2020. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	14-TV12-CON9
	Application Number	
Title of Invention	Methods of using proxy IP addresses and redirection for cross-device actions	

Assignee 1

Complete this section if assignee information, including non-applicant assignee information, is desired to be included on the patent application publication. An assignee-applicant identified in the "Applicant Information" section will appear on the patent application publication as an applicant. For an assignee-applicant, complete this section only if identification as an assignee is also desired on the patent application publication.

Remove

If the Assignee or Non-Applicant Assignee is an Organization check here. ☐

Prefix	**Given Name**	Middle Name	**Family Name**	Suffix

Mailing Address Information For Assignee including Non-Applicant Assignee:

Address 1			
Address 2			
City		**State/Province**	
Country i		Postal Code	
Phone Number		Fax Number	
Email Address			

Additional Assignee or Non-Applicant Assignee Data may be generated within this form by selecting the Add button. Add

Signature:

Remove

NOTE: This Application Data Sheet must be signed in accordance with 37 CFR 1.33(b). **However, if this Application Data Sheet is submitted with the INITIAL filing of the application and either box A or B is not checked in subsection 2 of the "Authorization or Opt-Out of Authorization to Permit Access" section, then this form must also be signed in accordance with 37 CFR 1.14(c).**

This Application Data Sheet **must** be signed by a patent practitioner if one or more of the applicants is a **juristic entity** (e.g., corporation or association). If the applicant is two or more joint inventors, this form must be signed by a patent practitioner, **all** joint inventors who are the applicant, or one or more joint inventor-applicants who have been given power of attorney (e.g., see USPTO Form PTO/AIA/81) on behalf of **all** joint inventor-applicants.

See 37 CFR 1.4(d) for the manner of making signatures and certifications.

Signature	/Louis J. Hoffman/			Date (YYYY-MM-DD)	2023-05-25
First Name	Louis	Last Name	Hoffman	Registration Number	38918

Additional Signature may be generated within this form by selecting the Add button. Add

PTO/AIA/14 (02-18)
Approved for use through 11/30/2020. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Application Data Sheet 37 CFR 1.76	Attorney Docket Number	14-TV12-CON9
	Application Number	
Title of Invention	Methods of using proxy IP addresses and redirection for cross-device actions	

This collection of information is required by 37 CFR 1.76. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 23 minutes to complete, including gathering, preparing, and submitting the completed application data sheet form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

Privacy Act Statement

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

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

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

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

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

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

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

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

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

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

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

PTO/AIA/01 (06-12)
Approved for use through 01/31/2014. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

Title of Invention	TARGETED TELEVISION ADVERTISING BASED ON PROFILES LINKED TO MULTIPLE ONLINE DEVICES

As the below named inventor, I hereby declare that:

This declaration is directed to:

- [■] The attached application, or
- [ ] United States application or PCT international application number _____

filed on _____.

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

WARNING:

Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available.

LEGAL NAME OF INVENTOR

Inventor: Roy Shkedi Roy Shkedi Date (Optional): 02-24-2014

Signature: _____

Note: An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form or must have been previously filed. Use an additional PTO/AIA/01 form for each additional inventor.

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 1 minute to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. **SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.**

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

PTO/AIA/01 (06-12)
Approved for use through 07/31/2014. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76)

Title of Invention	TARGETED TELEVISION ADVERTISING BASED ON PROFILES LINKED TO MULTIPLE ONLINE DEVICES

As the below named inventor, I hereby declare that:

This declaration is directed to:

- [■] The attached application, or
- [ ] United States application or PCT international application number _____
  filed on _____

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

WARNING:

Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identity theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available.

LEGAL NAME OF INVENTOR

Inventor: Dror B. Yishai Date (Optional): _____

Signature: Dror Ben-Yishai

Note: An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form or must have been previously filed. Use an additional PTO/AIA/01 form for each additional inventor.

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 1 minute 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 3.

Electronic Acknowledgement Receipt

EFS ID:	48060998
Application Number:	18202206
International Application Number:	
Confirmation Number:	5269
Title of Invention:	Methods of using proxy IP addresses and redirection for cross-device actions
First Named Inventor/Applicant Name:	Roy Shkedi
Customer Number:	26362
Filer:	Louis J. Hoffman/Michelle Lisa
Filer Authorized By:	Louis J. Hoffman
Attorney Docket Number:	14-TV12-CON9
Receipt Date:	25-MAY-2023
Filing Date:	
Time Stamp:	18:47:36
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 of New Application	23-05-25-IIQ-TV12_CON9-AppTrans.pdf	237853 feb10c1999f1d7fe8c7b9b32ee124d773dd d5f2b	no	1

Warnings:

Information:					
2		12-08-03-IntentIQ-TV12-RPA-Specification-FINAL.pdf	256923 664108f42790f40d101c214204794e1bb8692223	yes	65
	Multipart Description/PDF files in .zip description				
	Document Description		**Start**	**End**	
	Specification		1	43	
	Claims		44	64	
	Abstract		65	65	
Warnings:					
Information:					
3	Application Data Sheet	23-05-25-IIQ-TV12_CON9-ADS.pdf	1257194 5f2c85e3e6d124c28c48b327349d2be985eb1aa1	no	9
Warnings:					
Information:					
4	Oath or Declaration filed	14-02-24-IIQ-TV12_DIV1-Shkedi_Declaration-parent_copy.pdf	157388 3280bf351ae4ccb7004102f2e31b6f50bdd52684	no	1
Warnings:					
Information:					
5	Oath or Declaration filed	14-03-04-IIQ-TV12_DIV1-Ben-Yishai_Declaration-parent_copy.pdf	1881275 42f474e1e8f8310938146e2d090f79f08c17e2b4	no	1
Warnings:					
Information:					
		Total Files Size (in bytes):	3790633		

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.