INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	P025C1C1C1C1C1

	13	2004095753	WO	A3	2005-01-13	Adwankar et al.		☐
	14	2005008995	WO		2005-01-27	Starhub Ltd.		☐
	15	2005053335	WO	A1	2005-06-09	Nokia Corp.		☐
	16	2005083934	WO	A1	2005-09-09	Research In Motion Ltd.		☐
	17	2006004467	WO	A1	2006-01-12	Skog et al.		☐
	18	2006004784	WO	A1	2006-01-12	Japan Communications Inc.		☐
	19	2006012610	WO	A2	2006-02-02	Citrix Systems, Inc.		☐
	20	2006050758	WO	A1	2006-05-18	Boman		☐
	21	2006073837	WO	A3	2009-04-02	D'agostino, Anthony		☐
	22	2006077481	WO	A1	2006-07-27	Chane et al.		☐
	23	2006093961	WO	A1	2006-09-08	Kyocera Wireless Corp.		☐

GOOGLE EXHIBIT 1029
(Part 2 of 3)
Google v. Headwater
IPR2026-00440

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	P025C1C1C1C1C1

	24	2006120558	WO		2006-11-16	Nokia Corp.		☐
	25	2006130960	WO	A1	2006-12-14	Sharif-Ahmadi et al.		☐
	26	2007001833	WO	A2	2007-01-04	Linsley-Hood et al.		☐
	27	2007014630	WO	A1	2007-02-08	Norrman et al.		☐
	28	2007018363	WO	A1	2007-02-15	Son		☐
	29	2007053848	WO	A1	2007-05-10	Germano et al.		☐
	30	2007068288	WO		2007-06-21	Telefonaktiebolaget LM Ericsson		☐
	31	2007069245	WO	A3	2009-04-16	Touboul		☐
	32	2007097786	WO	A	2007-08-30	Sony Ericsson Mobile Communications AB		☐
	33	2007107701	WO	A2	2007-09-27	Cofta		☐
	34	2007120310	WO		2007-10-25	Qualcomm Inc.		☐

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	P025C1C1C1C1C1

	35	2007124279	WO		2007-11-01	Cisco Technology, Inc., et al.		☐
	36	2007126352	WO		2007-11-08	Telefonaktiebolaget LM Ericsson		☐
	37	2007129180	WO	A2	2007-11-15	Nokia Corp.		☐
	38	2007133844	WO	A	2007-11-22	Camiant, Inc.		☐
	39	2008017837	WO	A1	2008-02-14	Spooner		☐
	40	2008051379	WO	A2	2008-05-02	Balia		☐
	41	2008066419	WO	A1	2008-06-05	LIDSTRÖM et al.		☐
	42	2008080139	WO	A1	2008-07-03	Pugh et al.		☐
	43	2008080430	WO	A1	2008-07-10	Costa et al.		☐
	44	2008099802	WO	A1	2008-08-21	Awano		☐
	45	2009008817	WO	A1	2009-01-15	Ericsson		☐

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	P025C1C1C1C1C1

	46	2009091295	WO	A1	2009-07-23	Telefonaktiebolaget LM Ericsson		☐
	47	2010088413	WO	A1	2010-08-05	Raleigh		☐
	48	2010128391	WO	A2	2010-11-11	Bridgewater Systems Corp.		☐
	49	2010128391	WO	A3	2011-01-20	Momtahan et al.		☐
	50	2011002450	WO	A1	2011-01-06	Alcatel-Lucent USA Inc.		☐

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

NON-PATENT LITERATURE DOCUMENTS

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[6]
	1	Rivadeneyra et al., "A communication architecture to access data services through GSM," San Sebastian, Spain, 1998	☐
	2	Ruckus Wireless – White Paper; "Smarter Wi-Fi for Mobile Operator Infrastructures" 2010	☐
	3	Sabat, "The evolving mobile wireless value chain and market structure," Nov. 2002	☐
	4	Sadeh et al., "Understanding and Capturing People's Privacy Policies in a Mobile Social Networking Application," ISR School of Computer Science, Carnegie Mellon University, 2007	☐

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	P025C1C1C1C1C1

	5	Schiller et al., "Location-Based Services," The Morgan Kaufmann Series in Data Management Systems, 2004	☐
	6	SHARKEY, "Coding for Life--Battery Life, That Is," May 27, 2009	☐
	7	STEGLICH, Stephan, "I-Centric User Interaction," November 21, 2003	☐
	8	Sun et al., "Towards Connectivity Management Adaptability: Context Awareness in Policy Representation and End-to-end Evaluation Algorithm," Dept. of Electrical and Information Engineering, Univ. of Oulu, Finland, 2004	☐
	9	VAN EIJK, et al., "GigaMobile, Agent Technology for Designing Personalized Mobile Service Brokerage," July 1, 2002	☐
	10	VerizonWireless.com news, "Verizon Wireless Adds to Portfolio of Cosumer-Friendly Tools With Introduction of Usage Controls, Usage Controls and Chaperone 2.0 Offer Parents Full Family Security Solution," August 18, 2008	☐
	11	Windows7 Power Management, published April 2009	☐
	12	Wireless Broadband Alliance, "WISPr 2.0, 08 April, 2010"; Doc. Ref. No.: WBA/RM/WISPr, Version 01.00	☐
	13	ZHU et al., "A Survey of Quality of Service in IEEE 802.11 Networks," IEEE Wireless Communications, August 2004	☐

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

EXAMINER SIGNATURE

Examiner Signature	/BENJAMIN A KAPLAN/	Date Considered	06/03/2023

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

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	P025C1C1C1C1C1

[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	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	P025C1C1C1C1C1

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	/Farshad Farjami/	Date (YYYY-MM-DD)	2023-01-09
Name/Print	Farshad Farjami	Registration Number	41,014

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.

PE2E SEARCH - Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	British Equivalents	Time Stamp
L1	1	16/034,362.app.	(US-PGPUB; USPAT)	AND	OFF	OFF	2019/06/24 12:14 AM
L2	2	(("20060026679") or ("20080127304")).PN.	(US-PGPUB; USPAT; USOCR)	AND	OFF	OFF	2019/06/24 01:34 AM
L3	2	12/694,445.app.	(US-PGPUB; USPAT)	AND	OFF	OFF	2019/06/24 01:49 AM
L4	7094	(726/1).CCLS.	(US-PGPUB; USPAT; USOCR)	AND	OFF	OFF	2019/06/24 02:06 AM
L5	275642	(G06Q10/06375 H04W12/0017 G06Q20/20 G06Q20/40 G06Q30/0207 G06Q30/0283 G06Q30/0284 G06Q30/04 G06Q30/0601 G06Q40/00 H04L12/14 H04L41/0893 H04L41/5003 H04M15/00 H04M15/58 H04W4/24 G06F15/177 G06Q30/0241 H04L9/32 H04L67/306 H04W28/02 H04W12/08 H04L47/2408 G06Q40/12 H04W8/20 H04W28/12 H04W48/14 H04M15/88 H04W28/0268 H04W88/08 H04M15/61 H04W24/08 H04L63/0236 H04L51/046 H04W4/12 H04W8/18 H04W72/0453 H04L47/20 H04W28/0215 G06Q10/06315 H04L41/0806 H04L41/5054 H04M15/80 H04L63/0853 H04L67/327 H04L9/3247 H04L63/0892 H04L67/145 H04W12/06 H04L67/26 H04W48/16 H04W4/50 G06Q20/102).cpc.	(US-PGPUB; USPAT)	OR	OFF	OFF	2019/06/24 02:07 AM
L6	281319	L4 or L5	(US-PGPUB; USPAT)	AND	OFF	OFF	2019/06/24

							02:08 AM
L7	97958	L6 @ad<"20090213"	(US-PGPUB; USPAT)	AND	OFF	OFF	2019/06/24 02:08 AM
L8	457	(Raleigh Gregory G).in.	(US-PGPUB; USPAT)	AND	OFF	OFF	2019/06/24 02:10 AM
L9	216345	secure environment @ad<"20090213"	(US-PGPUB; USPAT)	AND	OFF	OFF	2019/06/24 02:15 AM
L10	28161	secure environment service profile @ad<"20090213"	(US-PGPUB; USPAT)	AND	OFF	OFF	2019/06/24 02:16 AM
L11	16959	secure environment service profile monitor @ad<"20090213"	(US-PGPUB; USPAT)	AND	OFF	OFF	2019/06/24 02:16 AM
L12	200	("20010048738"|"20010053694"|"20020013844"|"20020022472"|"20020022483"|"20020049074"|"20020099848"|"20020116338"|"20020120370"|"20020120540"|"20020131404"|"20020138599"|"20020138601"|"20020154751"|"20020161601"|"20020164983"|"20020176377"|"20020188732"|"20020191573"|"20020199001"|"20030004937"|"20030005112"|"20030013434"|"20030018524"|"20030028623"|"20030046396"|"20030050070"|"20030050837"|"20030084321"|"20030088671"|"20030133408"|"20030134650"|"20030159030"|"20030161265"|"20030171112"|"20030182420"|"20030182435"|"20030184793"|"20030188006"|"20030188117"|"20030220984"|"20030224781"|"20030229900"|"20030233332"|"20030236745"|"20040019539"|"20040019564"|"20040021697"|"20040024756"|"20040030705"|"20040039792"|"20040044623"|"20040047358"|"20040054779"|"20040073672"|"20040082346"|"20040098715"|"20040102182"|"20040103193"|"20040107360"|"20040116140"|"20040127200"|"2004012720	(US-PGPUB; USPAT)	AND	OFF	OFF	2020/01/06 04:54 AM

		8"|"20040127256"|"200 40132427"|"200401336 68"|"20040137890"|"20 040165596"|"20040167 958"|"20040168052"|"2 0040170191"|"2004017 6104"|"20040198331"|" 20040203755"|"200402 03833"|"20040225561"| "20040225898"|"20040 236547"|"20040243680 "|"20040243992"|"2004 0249918"|"2004025514 5"|"20040259534"|"200 40260766"|"200402678 72"|"20050007993"|"20 050009499"|"20050021 995"|"20050041617"|"2 0050048950"|"2005005 5291"|"20050055309"|" 20050055595"|"200500 60266"|"20050060525"| "20050075115"|"20050 079863"|"20050091505 "|"20050096024"|"2005 0097516"|"2005010709 1"|"20050108075"|"200 50111463"|"200501289 67"|"20050135264"|"20 050163320"|"20050166 043"|"20050183143"|"2 0050186948"|"2005019 8377"|"20050216421"|" 20050228985"|"200502 38046"|"20050239447"| "20050245241"|"20050 246282"|"20050250508 "|"20050250536"|"2005 0254435"|"2005026682 5"|"20050266880"|"200 60014519"|"200600196 32"|"20060020787"|"20 060026679"|"20060030 306"|"20060034256"|"2 0060035631"|"2006004 0642"|"20060045245"|" 20060048223"|"200600 68796"|"20060072451"| "20060072550"|"20060 072646"|"20060075506 "|"20060085543"|"2006 0095517"|"2006009862 7"|"20060099970"|"200 60101507"|"200601120 16"|"20060114821"|"20 060114832"|"20060126 562"|"20060135144"|"2 0060136882"|"2006014					

		3066"|"20060143098"|" 20060156398"|"200601 60536"|"20060165060"| "20060168128"|"20060 173959"|"20060174035 "|"20060178917"|"2006 0178918"|"2006018213 7"|"20060183462"|"200 60190314"|"200601909 87"|"20060193280"|"20 060199608"|"20060200 663"|"20060206709"|"2 0060206904"|"2006021 8395"|"20060233108"|" 20060233166"|"200602 36095"|"20060242685"| "20060258341"|"20060 277590"|"20060291419 "|"20060291477"|"2007 0005795"|"2007001967 0"|"20070022289"|"200 70025301"|"200700331 94"|"20070033197"|"20 070036312"|"20070055 694"|"20070060200"|"2 0070061243"|"2007006 1800"|"20070061878"|" 20070073899"|"200700 76616"|"20070093243"| "20070100981"|"20070 101426"|"20070104126 "|"20070109983"|"2007 0111740"|"2007013028 3"|"20070130315"|"200 70140113"|"200701401 45"|"20070140275").PN .					
L13	200	("20070143824"|"20070 147317"|"20070147324 "|"20070155365"|"2007 0165630"|"2007016849 9"|"20070171856"|"200 70174490"|"200701910 06"|"20070192460"|"20 070198656"|"20070201 502"|"20070213054"|"2 0070220251"|"2007022 6225"|"20070226775"|" 20070234402"|"200702 43862"|"20070248100"| "20070254646"|"20070 254675"|"20070255769 "|"20070255797"|"2007 0255848"|"2007025776 7"|"20070259656"|"200 70259673"|"200702635 58"|"20070266422"|"20 070274327"|"20070280	(US-PGPUB; USPAT)	AND	OFF	OFF	2020/01/06 04:54 AM

		453"|"20070282896"|"2 0070293191"|"2007029 4395"|"20070294410"|" 20070297378"|"200702 98764"|"20070299965"| "20070300252"|"20080 005285"|"20080005561 "|"20080010379"|"2008 0010452"|"2008001849 4"|"20080022354"|"200 80025230"|"200800327 15"|"20080034063"|"20 080034419"|"20080039 102"|"20080049630"|"2 0080050715"|"2008005 1076"|"20080052387"|" 20080056273"|"200800 59474"|"20080059743"| "20080060066"|"20080 062900"|"20080064367 "|"20080066149"|"2008 0066150"|"2008006618 1"|"20080070550"|"200 80077705"|"200800804 57"|"20080081606"|"20 080082643"|"20080083 013"|"20080085707"|"2 0080089295"|"2008008 9303"|"20080095339"|" 20080096559"|"200800 98062"|"20080109679"| "20080120129"|"20080 120668"|"20080120688 "|"20080125079"|"2008 0126287"|"2008012730 4"|"20080130534"|"200 80130656"|"200801322 01"|"20080132268"|"20 080134330"|"20080139 210"|"20080147454"|"2 0080160958"|"2008016 2637"|"20080162704"|" 20080164304"|"200801 66993"|"20080167027"| "20080167033"|"20080 168275"|"20080168523 "|"20080177998"|"2008 0178300"|"2008018381 2"|"20080184127"|"200 80189760"|"200802012 66"|"20080207167"|"20 080212470"|"20080212 751"|"20080219268"|"2 0080221951"|"2008022 2692"|"20080225748"|" 20080229385"|"200802 29388"|"20080235511"| "20080240373"|"20080					

		250053"|"20080256593 "|"20080259924"|"2008 0262798"|"2008026334 8"|"20080268813"|"200 80270212"|"200802792 16"|"20080282319"|"20 080293395"|"20080298 230"|"20080305793"|"2 0080311885"|"2008031 3315"|"20080313730"|" 20080316923"|"200803 18547"|"20080318550"| "20080319879"|"20080 320497"|"20090005000 "|"20090005005"|"2009 0006116"|"2009000620 0"|"20090006229"|"200 90013157"|"200900163 10"|"20090036111"|"20 090042536"|"20090044 185"|"20090046707"|"2 0090046723"|"2009004 7989"|"20090048913"|" 20090049156"|"200900 49518"|"20090054030"| "20090065571"|"20090 067372"|"20090068984 "|"20090070379"|"2009 0077622"|"2009007969 9"|"20090113514"|"200 90125619"|"200901328 60"|"20090149154"|"20 090157792"|"20090163 173"|"20090172077"|"2 0090180391"|"2009018 1662"|"20090197585"|" 20090197612"|"200902 03352"|"20090217364"| "20090219170"|"20090 248883"|"20090254857 "|"20090257379"|"2009 0271514"|"2009028212 7"|"20090286507"|"200 90287921"|"200902881 40"|"20090291665"|"20 090299857"|"20090307 696"|"20090307746"|"2 0090315735"|"2009032 0110"|"20100017506"|" 20100020822"|"201000 27469"|"20100027559"| "20100030890"|"20100 041364"|"20100041365 "|"20100042675"|"2010 0043068"|"2010006907 4"|"20100071053"|"201 00075666"|"201000802 02"|"20100082431").PN				

L14	256	. ("20100103820"|"20100113020"|"20100121744"|"20100131584"|"20100142478"|"20100144310"|"20100151866"|"20100153781"|"20100167696"|"20100188975"|"20100188990"|"20100188992"|"20100188994"|"20100190469"|"20100191576"|"20100191612"|"20100191846"|"20100192170"|"20100192212"|"20100195503"|"20100197268"|"20100198698"|"20100198939"|"20100235329"|"20100241544"|"20100248719"|"20100284327"|"20100284388"|"20100287599"|"20100311402"|"20100325420"|"20110004917"|"20110013569"|"20110019574"|"20110081881"|"20110082790"|"20110110309"|"20110126141"|"20110145920"|"20110159818"|"20110173678"|"20110177811"|"20110264923"|"20110277019"|"20120020296"|"20120144025"|"20120166364"|"20120196644"|"20120238287"|"20130029653"|"20130058274"|"20130065555"|"20130072177"|"20130084835"|"20130144789"|"20130326356"|"20140073291"|"20140241342"|"20150181628"|"5131020"|"5283904"|"5325532"|"5572528"|"5577100"|"5594777"|"5617539"|"5630159"|"5633484"|"5633868"|"5754953"|"5774532"|"5794142"|"5814798"|"5889477"|"5892900"|"5903845"|"5915008"|"5915226"|"5933778"|"5940472"|"5974439"|"5983270"|"6035281"|"6038452"|"6038540"|"6047268"|"6058434"|"6061571"|"6064878"|"6078953"|"6081591"|"6098878"|"6104700"|"6115823"|"61	(US-PGPUB; USPAT)	AND	OFF	OFF	2020/01/06 04:54 AM

		19933"|"6125391"|"614 1565"|"6141686"|"6148 336"|"6154738"|"61576 36"|"6185576"|"619891 5"|"6219786"|"6226277" |"6246870"|"6263055"|" 6292828"|"6317584"|"6 370139"|"6381316"|"63 93014"|"6397259"|"640 1113"|"6418147"|"6438 575"|"6445777"|"64494 79"|"6466984"|"647767 0"|"6502131"|"6505114" |"6510152"|"6522629"|" 6532235"|"6532579"|"6 535855"|"6535949"|"65 39082"|"6542500"|"654 2992"|"6546016"|"6563 806"|"6570974"|"65743 21"|"6574465"|"657807 6"|"6581092"|"6591098" |"6598034"|"6601040"|" 6603969"|"6603975"|"6 606744"|"6628934"|"66 31122"|"6636721"|"663 9975"|"6640097"|"6640 334"|"6650887"|"66511 01"|"6654786"|"665481 4"|"6658254"|"6662014" |"6678516"|"6683853"|" 6684244"|"6690918"|"6 697821"|"6725031"|"67 25256"|"6732176"|"673 5206"|"6748195"|"6748 437"|"6751296"|"67544 70"|"6757717"|"676041 7"|"6763000"|"6763226" |"6765864"|"6765925"|" 6782412"|"6785889"|"6 792461"|"6829596"|"68 29696"|"6839340"|"684 2628"|"6873988"|"6876 653"|"6879825"|"68827 18"|"6885997"|"690144 0"|"6920455"|"6922562" |"6928280"|"6934249"|" 6934751"|"6947723"|"6 947985"|"6952428"|"69 57067"|"6959202"|"695 9393"|"6965667"|"6965 872"|"6967958"|"69706 92"|"6970927"|"698273 3"|"6983370"|"6996062" |"6996076"|"6996393"|" 6998985"|"7002920"|"7 007295"|"7013469"|"70 17189"|"7024200"|"702 4460"|"7027055"|"7027					

		408"|"7031733"|"70320 72"|"7039027"|"703903 7"|"7039403"|"7039713" |"7042988"|"7043225"|" 7043226"|"7043268"|"7 047276"|"7058022"|"70 58968"|"7068600"|"706 9248"|"7082422"|"7084 775"|"7092696"|"70957 54"|"7102620"|"711075 3"|"7113780"|"7113997" |"7120133"|"7133386"|" 7133695"|"7136361"|"7 139569"|"7142876"|"71 49229"|"7149521"|"715 1764"|"7158792"|"7162 237"|"7165040"|"71670 78"|"7174156"|"717417 4").PN.					
L15	280	("7177919"|"7180855"|" 7181017"|"7191248"|"7 197321"|"7200112"|"72 00551"|"7203169"|"720 3721"|"7203752"|"7212 491"|"7219123"|"72221 90"|"7222304"|"722496 8"|"7228354"|"7236780" |"7242668"|"7242920"|" 7245901"|"7248570"|"7 251218"|"7260382"|"72 66371"|"7269157"|"727 1765"|"7272660"|"7280 816"|"7280818"|"72835 61"|"7283963"|"728683 4"|"7286848"|"7289489" |"7290283"|"7310424"|" 7313237"|"7315892"|"7 317699"|"7318111"|"73 20029"|"7322044"|"732 4447"|"7325037"|"7336 960"|"7340772"|"73464 10"|"7349695"|"735353 3"|"7356011"|"7356337" |"7366497"|"7366654"|" 7369848"|"7369856"|"7 373136"|"7373179"|"73 79731"|"7388950"|"738 9412"|"7391724"|"7395 244"|"7401338"|"74037 63"|"7409447"|"740956 9"|"7411930"|"7418253" |"7418257"|"7421004"|" 7423971"|"7428750"|"7 433362"|"7436816"|"74 40433"|"7444669"|"745 0591"|"7450927"|"7454 191"|"7457265"|"74578 70"|"7460837"|"746665	(US-PGPUB; USPAT)	AND	OFF	OFF	2020/01/06 04:54 AM

		2"|"7467160"|"7472189" |"7478420"|"7486185"|" 7486658"|"7493659"|"7 496652"|"7499438"|"74 99537"|"7502672"|"750 5756"|"7505795"|"7508 799"|"7512128"|"75121 31"|"7515608"|"751592 6"|"7516219"|"7522549" |"7522576"|"7526541"|" 7529204"|"7535880"|"7 536695"|"7539132"|"75 39862"|"7540408"|"754 5782"|"7546460"|"7546 629"|"7548875"|"75489 76"|"7551921"|"755192 2"|"7554983"|"7555757" |"7561899"|"7562213"|" 7564799"|"7565141"|"7 574509"|"7574731"|"75 77431"|"7580356"|"758 0857"|"7583964"|"7584 298"|"7586871"|"75934 17"|"7593730"|"759637 3"|"7599288"|"7599714" |"7602746"|"7606918"|" 7607041"|"7609650"|"7 609700"|"7610047"|"76 10057"|"7610328"|"761 0396"|"7614051"|"7616 962"|"7617516"|"76200 41"|"7620065"|"762016 2"|"7620383"|"7627314" |"7627600"|"7627767"|" 7627872"|"7633438"|"7 634388"|"7636574"|"76 36626"|"7643411"|"764 4151"|"7644267"|"7644 414"|"7647047"|"76501 37"|"7653394"|"765627 1"|"7657920"|"7660419" |"7661124"|"7664494"|" 7668176"|"7668612"|"7 668903"|"7668966"|"76 76673"|"7680086"|"768 1226"|"7684370"|"7685 131"|"7685254"|"76855 30"|"7688792"|"769310 7"|"7693720"|"7697540" |"7710932"|"7711848"|" 7719966"|"7720206"|"7 720464"|"7720505"|"77 20960"|"7721296"|"772 4716"|"7725570"|"7729 326"|"7730123"|"77347 84"|"7742406"|"774685 4"|"7747240"|"7747699" |"7747730"|"7752330"|"				

		7756056"|"7756534"|"7 756757"|"7760137"|"77 60711"|"7760861"|"776 5294"|"7769397"|"7770 785"|"7774323"|"77744 12"|"7774456"|"777817 6"|"7778643"|"7792257" |"7792538"|"7792708"|" 7797019"|"7797060"|"7 797204"|"7797401"|"78 01523"|"7801783"|"780 1985"|"7802724"|"7805 140"|"7805522"|"78056 06"|"7809351"|"780937 2"|"7813746"|"7817615" |"7817983"|"7822837"|" 7822849"|"7826427"|"7 826607"|"7835275"|"78 43831"|"7843843"|"784 4034"|"7844728"|"7848 768"|"7849161"|"78491 70"|"7849477"|"785325 5"|"7853656"|"7856226" |"7860088"|"7865182"|" 7865187"|"7868778"|"7 873001"|"7873344"|"78 73346"|"7873540"|"787 3705"|"7877090"|"7881 199"|"7881697"|"78820 29"|"7882247"|"788256 0"|"7886047"|"7889384" |"7890084"|"7890111"|" 7894431"|"7899039"|"7 899438"|"7903553"|"79 07970"|"7908358").PN.					
L16	280	("7911975"|"7912025"|" 7912056"|"7920529"|"7 921463"|"7925740"|"79 25778"|"7929959"|"792 9960"|"7929973"|"7930 327"|"7930446"|"79305 53"|"7933274"|"793673 6"|"7937069"|"7937450" |"7940685"|"7940751"|" 7941184"|"7944948"|"7 945238"|"7945240"|"79 45945"|"7948952"|"794 8953"|"7948968"|"7949 529"|"7953808"|"79538 77"|"7957020"|"795738 1"|"7957511"|"7958029" |"7962622"|"7965983"|" 7966405"|"7969950"|"7 970350"|"7970426"|"79 74624"|"7975184"|"797 8627"|"7978686"|"7979 069"|"7979889"|"79798 96"|"7984130"|"798451	(US-PGPUB; USPAT)	AND	OFF	OFF	2020/01/06 04:54 AM

		1"|"7986935"|"7987496" |"7987510"|"7990049"|" 8000276"|"8000318"|"8 005009"|"8005459"|"80 05726"|"8005913"|"800 5988"|"8010080"|"8010 081"|"8010082"|"80109 90"|"8015133"|"801523 4"|"8019687"|"8019820" |"8019846"|"8019868"|" 8019886"|"8023425"|"8 024397"|"8024424"|"80 27339"|"8031601"|"803 2168"|"8032409"|"8032 899"|"8036387"|"80366 00"|"8044792"|"804597 3"|"8046449"|"8050275" |"8050690"|"8050705"|" 8059530"|"8060017"|"8 060463"|"8064418"|"80 64896"|"8065365"|"806 8824"|"8068829"|"8073 427"|"8073721"|"80781 40"|"8078163"|"808580 8"|"8086398"|"8086497" |"8086791"|"8090359"|" 8090361"|"8090616"|"8 091087"|"8094551"|"80 95112"|"8095124"|"809 5640"|"8095666"|"8098 579"|"8099077"|"80995 17"|"8102814"|"810328 5"|"8104080"|"8107953" |"8108520"|"8108680"|" 8112435"|"8116223"|"8 116749"|"8116781"|"81 22128"|"8122249"|"812 5897"|"8126123"|"8126 396"|"8126476"|"81267 22"|"8130793"|"813125 6"|"8131281"|"8131840" |"8131858"|"8132256"|" 8134954"|"8135388"|"8 135392"|"8135657"|"81 40690"|"8144591"|"814 5194"|"8146142"|"8149 748"|"8149823"|"81503 94"|"8150431"|"815120 5"|"8155155"|"8155620" |"8155666"|"8155670"|" 8156206"|"8159520"|"8 160015"|"8160056"|"81 60598"|"8165576"|"816 6040"|"8166554"|"8170 553"|"8174378"|"81749 70"|"8175574"|"818033 3"|"8180881"|"8180886" |"8184530"|"8184590"|"				

		8185088"|"8185093"|"8 185127"|"8185152"|"81 85158"|"8190087"|"819 0122"|"8190675"|"8191 106"|"8191116"|"81911 24"|"8194549"|"819455 3"|"8194572"|"8194581" |"8195093"|"8195153"|" 8195163"|"8195661"|"8 196199"|"8200163"|"82 00200"|"8200509"|"820 0775"|"8200818"|"8204 190"|"8204505"|"82087 88"|"8208919"|"821329 6"|"8213363"|"8214536" |"8214890"|"8219134"|" 8223655"|"8223741"|"8 224382"|"8224773"|"82 28818"|"8229394"|"822 9914"|"8233433"|"8233 883"|"8233895"|"82345 83"|"8238287"|"823891 3"|"8239520"|"8242959" |"8244241"|"8249601"|" 8254880"|"8254915"|"8 255515"|"8255534"|"82 55689"|"8259692"|"826 4965"|"8265004"|"8266 249"|"8266681"|"82709 55"|"8270972"|"827102 5"|"8271045"|"8271049" |"8271992"|"8275415"|" 8275830"|"8279067"|"8 279864"|"8280354"|"82 84740"|"8285249"|"828 5992"|"8290820"|"8291 238"|"8291439"|"82964 04"|"8300575"|"830651 8"|"8306741"|"8307067" |"8310943"|"8315198"|" 8315593"|"8315594"|"8 315718"|"8315999"|"83 20244"|"8320949"|"832 5638"|"8325906"|"8326 319"|"8326828"|"83312 23"|"8331293"|"833237 5"|"8339991"|"8340625" |"8340628"|"8340678"|" 8340718"|"8346210"|"8 346923"|"8347104"|"83 47362"|"8347378").PN.					
L17	231	("8350700"|"8351592"|" 8351898"|"8352360"|"8 352980"|"8353001"|"83 55570"|"8355696"|"835 6336"|"8358638"|"8358 975"|"8363658"|"83637 99"|"8364089"|"836480	(US-PGPUB; USPAT)	AND	OFF	OFF	2020/01/06 04:54 AM

		6"|"8369274"|"8370477" |"8370483"|"8374090"|" 8374592"|"8375128"|"8 375136"|"8380247"|"83 85199"|"8385896"|"838 5964"|"8385975"|"8386 386"|"8391262"|"83929 82"|"8396458"|"839692 9"|"8401968"|"8402165" |"8402540"|"8406427"|" 8406736"|"8407763"|"8 411587"|"8411691"|"84 12798"|"8413245"|"841 8168"|"8422988"|"8423 016"|"8429403"|"84377 34"|"8442015"|"844683 1"|"8447324"|"8447607" |"8447980"|"8448015"|" 8452858"|"8461958"|"8 463194"|"8463232"|"84 68337"|"8472371"|"847 7778"|"8483135"|"8483 694"|"8484327"|"84885 97"|"8489110"|"848972 0"|"8494559"|"8495181" |"8495227"|"8495360"|" 8495700"|"8495743"|"8 499087"|"8500533"|"85 03358"|"8503455"|"850 4032"|"8504574"|"8504 687"|"8504690"|"85047 29"|"8505073"|"850908 2"|"8514927"|"8516552" |"8520589"|"8520595"|" 8521110"|"8521775"|"8 522039"|"8522249"|"85 22337"|"8523547"|"852 6329"|"8526350"|"8527 410"|"8527662"|"85280 68"|"8531954"|"853199 5"|"8532610"|"8533775" |"8535160"|"8538394"|" 8538421"|"8538458"|"8 539544"|"8543265"|"85 43814"|"8544105"|"854 8427"|"8549173"|"8554 876"|"8559369"|"85611 38"|"8565746"|"856623 6"|"8571474"|"8571501" |"8571598"|"8571993"|" 8572117"|"8572256"|"8 583499"|"8588240"|"85 89955"|"8594665"|"859 5186"|"8600895"|"8601 125"|"8605691"|"86155 07"|"8619735"|"862025 7"|"8631428"|"8634425" |"8635164"|"8639215"|"				

		8644702"|"8644813"|"8 645518"|"8655357"|"86 56472"|"8660853"|"866 6395"|"8667542"|"8670 334"|"8675852"|"86766 82"|"8676925"|"869332 3"|"8694772"|"8700729" |"8701015"|"8705361"|" 8706863"|"8713535"|"8 713641"|"8719397"|"87 19423"|"8724486"|"872 5899"|"8730842"|"8731 519"|"8732808"|"87390 35"|"8744339"|"876171 1"|"8780857"|"8787249" |"8793304"|"8804695"|" 8811338"|"8811991"|"8 818394"|"8819253"|"88 25109"|"8826411"|"883 1561"|"8838752"|"8843 849"|"8845415"|"88492 97"|"8855620"|"886275 1"|"8863111"|"8875042" |"8880047"|"8891483"|" 8898748"|"8908516"|"8 929374"|"8930238"|"89 43551"|"8948726"|"894 9382"|"8949597"|"8955 038"|"8966018"|"89719 12"|"8977284"|"899595 2"|"9002342"|"9014973" |"9015331"|"9030934"|" 9049010"|"9064275"|"9 105031"|"9111088"|"91 37286"|"9172553"|"917 7455"|"9282460"|"9286 469"|"9286604"|"93137 08"|"9325737"|"932617 3"|"9344557"|"9363285" |"9367680"|"9413546"|" 9418381"|"9459767"|"9 501803"|"9544397"|"95 89117"|"9609459"|"998 6413"|"RE44412").PN.					
L18	478	(Raleigh Gregory G).in.	(US-PGPUB; USPAT)	AND	OFF	OFF	2020/01/06 04:57 AM
L19	395690	(G06Q40/12 H04M15/00 H04L12/14 H04L41/5054 H04L47/20 H04M15/88 H04W12/0017 G06Q10/06315 G06Q30/0601 H04L67/145 H04W8/18 H04W72/0453 H04L9/3247 H04L63/08 H04W8/20 H04M15/58	(US-PGPUB; USPAT)	OR	OFF	OFF	2020/01/06 05:48 AM

		H04M15/61 H04W88/08 H04L9/32 H04L41/0893 H04L67/306 G06Q10/06375 H04L67/327 H04W4/50 H04W12/02 H04W24/08 H04W28/02 H04W4/02 H04W4/18 H04W28/0215 H04L67/26 H04W12/08 H04W48/14 G06Q40/00 H04L41/5003 H04L63/0892 H04W4/12 G06Q30/0283 H04M15/80 G06Q20/102 G06Q30/0241 H04L63/0853 H04W4/20 H04W28/12 H04W48/16 H04W12/00 G06F15/177 G06Q30/04 H04L63/0428 H04L47/2408 H04L63/0236 H04W12/06 H04W28/0268 G06Q20/20 H04L41/0806 H04L51/046 H04L63/04 H04W4/24 G06Q30/0207 G06Q30/0284 H04L63/10 H04L63/20 G06Q20/40 H04W84/04 H04L67/2819 H04W88/06 Y02P90/86 H04L41/0876 H04L67/34 H04W84/042 H04W8/02 H04L41/5025 H04M2215/0188 H04W84/12).cpc.					
L20	127192	L19 @ad<"20090213"	(US-PGPUB; USPAT)	AND	OFF	OFF	2020/01/06 05:48 AM
L21	8602	secure environment service profile modem control link @ad<"20090213"	(US-PGPUB; USPAT)	AND	OFF	OFF	2020/01/06 06:17 AM
L22	91	secure environment service profile modem adj control link @ad<"20090213"	(US-PGPUB; USPAT)	AND	OFF	OFF	2020/01/06 06:17 AM

L26	1	16/907,887.app.	(US-PGPUB; USPAT)	AND	OFF	OFF	2021/06/19 07:19 PM
L27	1399069	(G06F15/177 G06Q10/06315 G06Q10/06375 G06Q20/102 G06Q20/20 G06Q20/32 G06Q20/40 G06Q30/0207 G06Q30/0241 G06Q30/0283 G06Q30/0284 G06Q30/04 G06Q30/0601 G06Q40/00 G06Q40/12 H04L12/14 H04L12/1407 H04L41/0806 H04L41/0876 H04L41/0893 H04L41/5003 H04L41/5025 H04L41/5054 H04L47/20 H04L47/2408 H04L51/046 H04L63/0236 H04L63/04 H04L63/0428 H04L63/08 H04L63/0853 H04L63/0892 H04L63/10 H04L63/20 H04L67/145 H04L67/26 H04L67/2819 H04L67/306 H04L67/327 H04L67/34 H04L9/32 H04L9/3247 H04M15/00 H04M15/49 H04M15/58 H04M15/61 H04M15/66 H04M15/80 H04M15/8055 H04M15/88 H04M2215/0188 H04W12/00 H04W12/02 H04W12/037 H04W12/06 H04W12/08 H04W24/08 H04W28/02 H04W28/0215 H04W28/0268 H04W28/12 H04W4/02 H04W4/12 H04W4/18 H04W4/20 H04W4/24 H04W4/50 H04W48/14 H04W48/16	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2021/06/19 08:06 PM

		H04W72/0453 H04W8/02 H04W8/18 H04W8/20 H04W84/04 H04W84/042 H04W84/12 H04W88/06 H04W88/08 Y02P90/80).cpc.					
L28	11927	(726/1).CCLS.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	AND	ON	ON	2021/06/19 08:06 PM
L29	1404578	L27 L28	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2021/06/19 08:07 PM
L30	8608	secure environment service profile modem control link @ad<"20090213"	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	AND	OFF	OFF	2021/06/19 08:09 PM
L31	3387	L29 L30	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	AND	OFF	OFF	2021/06/19 08:09 PM
L32	2265	secure service measurement environment profile modem control link @ad<"20090213"	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	AND	OFF	OFF	2021/06/19 08:10 PM
L33	2	16/034,362.app.	(US-PGPUB; USPAT)	AND	OFF	OFF	2021/06/19 08:13 PM
L34	88	(Headwater Research).as.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	AND	OFF	OFF	2021/06/19 08:18 PM
L35	1035	(Raleigh Gregory G).in.	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	AND	OFF	OFF	2021/06/19 08:18 PM
L36	201	("10285025"|"10326800"|"10492102"|"10582375"|"20010048738"|"20010053694"|"20020013844"|"20020022472"|"20020022483"|"20020049074"|"20020099848"|"20020116338"|"20020120370"|"20020120540"|"20020131404"|"20020138599"|"20020138601"|"20020154751"|"20020161601"|"20020164983"|"20020176377"|"20020188732"|"20020191573"|"20020199001"|"200	(US-PGPUB; USPAT)	AND	ON	ON	2021/06/19 08:20 PM

		30004937"|"200300051 12"|"20030013434"|"20 030018524"|"20030028 623"|"20030046396"|"2 0030050070"|"2003005 0837"|"20030084321"|" 20030088671"|"200301 33408"|"20030134650"| "20030159030"|"20030 161265"|"20030171112 "|"20030182420"|"2003 0182435"|"2003018479 3"|"20030188006"|"200 30188117"|"200302209 84"|"20030224781"|"20 030229900"|"20030233 332"|"20030236745"|"2 0040019539"|"2004001 9564"|"20040021697"|" 20040024756"|"200400 30705"|"20040039792"| "20040044623"|"20040 047358"|"20040054779 "|"20040073672"|"2004 0082346"|"2004009871 5"|"20040102182"|"200 40103193"|"200401073 60"|"20040116140"|"20 040127200"|"20040127 208"|"20040127256"|"2 0040132427"|"2004013 3668"|"20040137890"|" 20040165596"|"200401 67958"|"20040168052"| "20040170191"|"20040 176104"|"20040198331 "|"20040203755"|"2004 0203833"|"2004022556 1"|"20040225898"|"200 40236547"|"200402436 80"|"20040243992"|"20 040249918"|"20040255 145"|"20040259534"|"2 0040260766"|"2004026 7872"|"20050007993"|" 20050009499"|"200500 21995"|"20050041617"| "20050048950"|"20050 055291"|"20050055309 "|"20050055595"|"2005 0060266"|"2005006052 5"|"20050075115"|"200 50079863"|"200500915 05"|"20050096024"|"20 050097516"|"20050107 091"|"20050108075"|"2 0050111463"|"2005012 8967"|"20050135264"|"				

		20050163320"|"200501 66043"|"20050183143"| "20050186948"|"20050 198377"|"20050216421 "|"20050228985"|"2005 0238046"|"2005023944 7"|"20050245241"|"200 50246282"|"200502505 08"|"20050250536"|"20 050254435"|"20050266 825"|"20050266880"|"2 0060014519"|"2006001 9632"|"20060020787"|" 20060026679"|"200600 30306"|"20060034256"| "20060035631"|"20060 040642"|"20060045245 "|"20060048223"|"2006 0068796"|"2006007245 1"|"20060072550"|"200 60072646"|"200600755 06"|"20060085543"|"20 060095517"|"20060098 627"|"20060099970"|"2 0060101507"|"2006011 2016"|"20060114821"|" 20060114832"|"200601 26562"|"20060135144"| "20060136882"|"20060 143066"|"20060143098 "|"20060156398"|"2006 0160536"|"2006016506 0"|"20060168128"|"200 60173959"|"200601740 35"|"20060178917"|"20 060178918"|"20060182 137"|"20060183462"|"2 0060190314"|"2006019 0987"|"20060193280"|" 20060199608"|"200602 00663"|"20060206709"| "20060206904"|"20060 218395"|"20060233108 "|"20060233166"|"2006 0236095"|"2006024268 5"|"20060258341"|"200 60274706"|"200602775 90"|"20060291419"|"20 060291477"|"20070005 795"|"20070019670"|"2 0070022289"|"2007002 5301"|"20070033194"|" 20070033197"|"200700 35390"|"20070036312"| "20070055694"|"20070 060200"|"20070061243 "|"20070061800"|"2007 0061878"|"2007007389					

		9"|"20070076616"|"20070093243"|"20070100981"|"20070101426"|"20070104126"|"20070104169"|"20070109983").PN.					
L37	200	("20070111740"|"20070130283"|"20070130315"|"20070140113"|"20070140145"|"20070140275"|"20070143824"|"20070147317"|"20070147324"|"20070155365"|"20070165630"|"20070168499"|"20070171856"|"20070174490"|"20070191006"|"20070192460"|"20070198656"|"20070201502"|"20070213054"|"20070220251"|"20070226225"|"20070226775"|"20070234402"|"20070243862"|"20070248100"|"20070254646"|"20070254675"|"20070255769"|"20070255797"|"20070255848"|"20070257767"|"20070259656"|"20070259673"|"20070263558"|"20070266422"|"20070274327"|"20070280453"|"20070282896"|"20070293191"|"20070294395"|"20070294410"|"20070297378"|"20070298764"|"20070299965"|"20070300252"|"20080005285"|"20080005561"|"20080010379"|"20080010452"|"20080018494"|"20080022354"|"20080025230"|"20080032715"|"20080034063"|"20080034419"|"20080039102"|"20080049630"|"20080050715"|"20080051076"|"20080052387"|"20080056273"|"20080059474"|"20080059743"|"20080060066"|"20080062900"|"20080064367"|"20080066149"|"20080066150"|"20080066181"|"20080070550"|"20080077705"|"20080080457"|"20080081606"|"20080082643"|"20080083013"|"20080085707"|	(US-PGPUB; USPAT)	AND	ON	ON	2021/06/19 08:20 PM

		"20080089295"|"20080 089303"|"20080095339 "|"20080096559"|"2008 0098062"|"2008010967 9"|"20080120129"|"200 80120668"|"200801206 88"|"20080125079"|"20 080126287"|"20080127 304"|"20080130534"|"2 0080130656"|"2008013 2201"|"20080132268"|" 20080134330"|"200801 39210"|"20080147454"| "20080160958"|"20080 162637"|"20080162704 "|"20080164304"|"2008 0166993"|"2008016702 7"|"20080167033"|"200 80168275"|"200801685 23"|"20080177998"|"20 080178300"|"20080181 117"|"20080183812"|"2 0080184127"|"2008018 9760"|"20080201266"|" 20080207167"|"200802 12470"|"20080212751"| "20080219268"|"20080 221951"|"20080222692 "|"20080225748"|"2008 0229385"|"2008022938 8"|"20080235511"|"200 80240373"|"200802500 53"|"20080256593"|"20 080259924"|"20080262 798"|"20080263348"|"2 0080268813"|"2008027 0212"|"20080279216"|" 20080282319"|"200802 91872"|"20080293395"| "20080298230"|"20080 305793"|"20080311885 "|"20080313315"|"2008 0313730"|"2008031692 3"|"20080318547"|"200 80318550"|"200803198 79"|"20080320497"|"20 090005000"|"20090005 005"|"20090006116"|"2 0090006200"|"2009000 6229"|"20090013157"|" 20090016310"|"200900 17809"|"20090036111"| "20090042536"|"20090 044185"|"20090046707 "|"20090046723"|"2009 0047989"|"2009004891 3"|"20090049156"|"200 90049518"|"200900540					

		30"|"20090065571"|"20090067372"|"20090068984"|"20090070379"|"20090077622"|"20090079699"|"20090113514"|"20090125619"|"20090132860"|"20090149154"|"20090157792"|"20090163173"|"20090172077"|"20090180391"|"20090181662"|"20090197585"|"20090197612"|"20090203352"|"20090217065"|"20090217364"|"20090219170"|"20090248883"|"20090254857"|"20090257379"|"20090262715"|"20090271514"|"20090282127"|"20090286507"|"20090287921"|"20090288140"|"20090291665"|"20090299857"|"20090307696"|"20090307746"|"20090315735"|"20090320110"|"20100017506"|"20100020822"|"20100027469").PN.					
L38	249	("20100027559"|"20100030890"|"20100041364"|"20100041365"|"20100041391"|"20100042675"|"20100043068"|"20100069074"|"20100071053"|"20100075666"|"20100077035"|"20100080202"|"20100082431"|"20100088387"|"20100103820"|"20100113020"|"20100121744"|"20100131584"|"20100142478"|"20100144310"|"20100151866"|"20100153781"|"20100167696"|"20100188975"|"20100188990"|"20100188992"|"20100188994"|"20100190469"|"20100191576"|"20100191612"|"20100191846"|"20100192170"|"20100192212"|"20100195503"|"20100197268"|"20100198698"|"20100198939"|"20100235329"|"20100241544"|"20100248719"|"20100284327"|"20100284388"|"20100287599"|"2010031140	(US-PGPUB; USPAT)	AND	ON	ON	2021/06/19 08:20 PM

		2"|"20100325420"|"201 10004917"|"201100135 69"|"20110019574"|"20 110081881"|"20110082 790"|"20110110309"|"2 0110126141"|"2011014 5920"|"20110159818"|" 20110173678"|"201101 77811"|"20110182220"| "20110185202"|"20110 244837"|"20110249668 "|"20110264923"|"2011 0277019"|"2012002029 6"|"20120144025"|"201 20166364"|"201201966 44"|"20120238287"|"20 130029653"|"20130058 274"|"20130065555"|"2 0130072177"|"2013008 4835"|"20130144789"|" 20130225151"|"201303 26356"|"20140073291"| "20140241342"|"20150 181628"|"5131020"|"52 83904"|"5325532"|"557 2528"|"5577100"|"5594 777"|"5617539"|"56301 59"|"5633484"|"563386 8"|"5754953"|"5774532" |"5794142"|"5814798"|" 5889477"|"5892900"|"5 903845"|"5915008"|"59 15226"|"5933778"|"594 0472"|"5974439"|"5983 270"|"6035281"|"60384 52"|"6038540"|"604726 8"|"6058434"|"6061571" |"6064878"|"6078953"|" 6081591"|"6098878"|"6 104700"|"6115823"|"61 19933"|"6125391"|"614 1565"|"6141686"|"6148 336"|"6154738"|"61576 36"|"6185576"|"619891 5"|"6219786"|"6226277" |"6246870"|"6263055"|" 6292828"|"6317584"|"6 370139"|"6381316"|"63 93014"|"6397259"|"640 1113"|"6418147"|"6438 575"|"6445777"|"64494 79"|"6466984"|"647767 0"|"6502131"|"6505114" |"6510152"|"6522629"|" 6532235"|"6532579"|"6 535855"|"6535949"|"65 39082"|"6542500"|"654 2992"|"6546016"|"6563					

		806"|"6570974"|"65743 21"|"6574465"|"657807 6"|"6581092"|"6591098" |"6598034"|"6601040"|" 6603969"|"6603975"|"6 606744"|"6628934"|"66 31122"|"6636721"|"663 9975"|"6640097"|"6640 334"|"6650887"|"66511 01"|"6654786"|"665481 4"|"6658254"|"6662014" |"6678516"|"6683853"|" 6684244"|"6690918"|"6 694362"|"6697821"|"67 25031"|"6725256"|"673 2176"|"6735206"|"6748 195"|"6748437"|"67512 96"|"6754470"|"675771 7"|"6760417"|"6763000" |"6763226"|"6765864"|" 6765925"|"6782412"|"6 785889"|"6792461"|"68 29596"|"6829696"|"683 9340"|"6842628"|"6873 988"|"6876653"|"68798 25"|"6882718"|"688599 7"|"6901440"|"6920455" |"6922562"|"6928280"|" 6934249"|"6934751"|"6 947723"|"6947985"|"69 52428"|"6957067"|"695 9202"|"6959393"|"6965 667"|"6965872"|"69679 58"|"6970692"|"697092 7"|"6982733"|"6983370" |"6996062"|"6996076"|" 6996393"|"6998985"|"7 002920"|"7007295"|"70 13469"|"7017189"|"702 4200"|"7024460"|"7027 055"|"7027408"|"70317 33"|"7032072"|"703902 7"|"7039037"|"7039403" |"7039713"|"7042988"|" 7043225"|"7043226"|"7 043268"|"7047276").PN .				
L39	280	("7058022"|"7058968"|" 7068600"|"7069248"|"7 082422"|"7084775"|"70 92696"|"7095754"|"710 2620"|"7110753"|"7113 780"|"7113997"|"71201 33"|"7133386"|"713369 5"|"7136361"|"7139569" |"7142876"|"7149229"|" 7149521"|"7151764"|"7 158792"|"7162237"|"71	(US-PGPUB; USPAT)	AND	ON	ON	2021/06/19 08:20 PM

		65040"|"7167078"|"717 4156"|"7174174"|"7177 919"|"7180855"|"71810 17"|"7191248"|"719732 1"|"7200112"|"7200551" |"7203169"|"7203721"|" 7203752"|"7212491"|"7 219123"|"7222190"|"72 22304"|"7224968"|"722 8354"|"7236780"|"7242 668"|"7242920"|"72459 01"|"7248570"|"725121 8"|"7260382"|"7266371" |"7269157"|"7271765"|" 7272660"|"7280816"|"7 280818"|"7283561"|"72 83963"|"7286834"|"728 6848"|"7289489"|"7290 283"|"7310424"|"73132 37"|"7315892"|"731769 9"|"7318111"|"7320029" |"7322044"|"7324447"|" 7325037"|"7336960"|"7 340772"|"7346410"|"73 49695"|"7353533"|"735 6011"|"7356337"|"7366 497"|"7366654"|"73669 34"|"7369848"|"736985 6"|"7373136"|"7373179" |"7379731"|"7388950"|" 7389412"|"7391724"|"7 395056"|"7395244"|"74 01338"|"7403763"|"740 9447"|"7409569"|"7411 930"|"7418253"|"74182 57"|"7421004"|"742397 1"|"7428750"|"7433362" |"7436816"|"7440433"|" 7444669"|"7450591"|"7 450927"|"7454191"|"74 57265"|"7457870"|"746 0837"|"7466652"|"7467 160"|"7472189"|"74784 20"|"7486185"|"748665 8"|"7493659"|"7496652" |"7499438"|"7499537"|" 7502672"|"7505756"|"7 505795"|"7508799"|"75 12128"|"7512131"|"751 5608"|"7515926"|"7516 219"|"7522549"|"75225 76"|"7526541"|"752920 4"|"7535880"|"7536695" |"7539132"|"7539862"|" 7540408"|"7545782"|"7 546460"|"7546629"|"75 48875"|"7548976"|"755 1921"|"7551922"|"7554					

		983"|"7555757"|"75618 99"|"7562213"|"756479 9"|"7565141"|"7574509" |"7574731"|"7577431"|" 7580356"|"7580857"|"7 583964"|"7584298"|"75 85217"|"7586871"|"759 3417"|"7593730"|"7596 373"|"7599288"|"75997 14"|"7602746"|"760691 8"|"7607041"|"7609650" |"7609700"|"7610047"|" 7610057"|"7610328"|"7 610396"|"7614051"|"76 16962"|"7617516"|"762 0041"|"7620065"|"7620 162"|"7620383"|"76273 14"|"7627600"|"762776 7"|"7627872"|"7633438" |"7634388"|"7636574"|" 7636626"|"7643411"|"7 644151"|"7644267"|"76 44414"|"7647047"|"765 0137"|"7653394"|"7656 271"|"7657920"|"76604 19"|"7661124"|"766449 4"|"7668176"|"7668612" |"7668903"|"7668966"|" 7676673"|"7680086"|"7 681226"|"7684370"|"76 85131"|"7685254"|"768 5530"|"7688792"|"7693 107"|"7693720"|"76975 40"|"7710932"|"771184 8"|"7719966"|"7720206" |"7720464"|"7720505"|" 7720960"|"7721296"|"7 724716"|"7725570"|"77 29326"|"7730123"|"773 4784"|"7742406"|"7746 854"|"7747240"|"77476 99"|"7747730"|"775233 0"|"7756056"|"7756534" |"7756757"|"7760137"|" 7760711"|"7760861"|"7 765294"|"7769397"|"77 70785"|"7774323"|"777 4412"|"7774456"|"7778 176"|"7778643"|"77922 57"|"7792538"|"779270 8"|"7797019"|"7797060" |"7797204"|"7797401"|" 7801523"|"7801783"|"7 801985"|"7802724"|"78 05140"|"7805522"|"780 5606"|"7809351"|"7809 372"|"7813746"|"78176 15"|"7817983"|"782283					

		7"|"7822849"|"7826427" |"7826607"|"7835275"|" 7843831"|"7843843"|"7 844034"|"7844728"|"78 48768"|"7849161").PN.					
L40	280	("7849170"|"7849477"|" 7853255"|"7853656"|"7 856226"|"7860088"|"78 65182"|"7865187"|"786 8778"|"7873001"|"7873 344"|"7873346"|"78735 40"|"7873705"|"787709 0"|"7881199"|"7881697" |"7882029"|"7882247"|" 7882560"|"7886047"|"7 889384"|"7890084"|"78 90111"|"7894431"|"789 9039"|"7899438"|"7903 553"|"7907970"|"79083 58"|"7911975"|"791202 5"|"7912056"|"7920529" |"7921463"|"7925740"|" 7925778"|"7929959"|"7 929960"|"7929973"|"79 30327"|"7930446"|"793 0553"|"7933274"|"7936 736"|"7937069"|"79374 50"|"7940685"|"794075 1"|"7941184"|"7944948" |"7945238"|"7945240"|" 7945945"|"7948952"|"7 948953"|"7948968"|"79 49529"|"7953808"|"795 3877"|"7957020"|"7957 381"|"7957511"|"79580 29"|"7962622"|"796598 3"|"7966405"|"7969950" |"7970350"|"7970426"|" 7974624"|"7975184"|"7 978627"|"7978686"|"79 79069"|"7979889"|"797 9896"|"7984130"|"7984 511"|"7986935"|"79874 96"|"7987510"|"799004 9"|"8000276"|"8000318" |"8005009"|"8005459"|" 8005726"|"8005913"|"8 005988"|"8010080"|"80 10081"|"8010082"|"801 0990"|"8015133"|"8015 234"|"8015249"|"80196 87"|"8019820"|"801984 6"|"8019868"|"8019886" |"8023425"|"8024397"|" 8024424"|"8027339"|"8 031601"|"8032168"|"80 32409"|"8032899"|"803 6387"|"8036600"|"8044	(US-PGPUB; USPAT)	AND	ON	ON	2021/06/19 08:20 PM

		792"|"8045973"|"80464 49"|"8050275"|"805069 0"|"8050705"|"8059530" |"8060017"|"8060463"|" 8060603"|"8064418"|"8 064896"|"8065365"|"80 68824"|"8068829"|"807 3427"|"8073721"|"8078 140"|"8078163"|"80858 08"|"8086398"|"808649 7"|"8086791"|"8090359" |"8090361"|"8090616"|" 8091087"|"8094551"|"8 095112"|"8095124"|"80 95640"|"8095666"|"809 8579"|"8099077"|"8099 517"|"8102814"|"81032 85"|"8104080"|"810795 3"|"8108520"|"8108680" |"8112435"|"8116223"|" 8116749"|"8116781"|"8 122128"|"8122249"|"81 25897"|"8126123"|"812 6396"|"8126476"|"8126 722"|"8130793"|"81312 56"|"8131281"|"813184 0"|"8131858"|"8132256" |"8134954"|"8135388"|" 8135392"|"8135657"|"8 140690"|"8144591"|"81 45194"|"8146142"|"814 9748"|"8149823"|"8150 394"|"8150431"|"81512 05"|"8155155"|"815562 0"|"8155666"|"8155670" |"8156206"|"8159520"|" 8160015"|"8160056"|"8 160598"|"8165576"|"81 66040"|"8166554"|"817 0553"|"8174378"|"8174 970"|"8175574"|"81803 33"|"8180881"|"818088 6"|"8184530"|"8184590" |"8185088"|"8185093"|" 8185127"|"8185152"|"8 185158"|"8190087"|"81 90122"|"8190675"|"819 1106"|"8191116"|"8191 124"|"8194549"|"81945 53"|"8194572"|"819458 1"|"8195093"|"8195153" |"8195163"|"8195661"|" 8196199"|"8200163"|"8 200200"|"8200509"|"82 00775"|"8200818"|"820 4190"|"8204505"|"8208 788"|"8208919"|"82132 96"|"8213363"|"821453					

		6"|"8214890"|"8219134" |"8223655"|"8223741"|" 8224382"|"8224773"|"8 228818"|"8229394"|"82 29914"|"8233433"|"823 3883"|"8233895"|"8234 583"|"8238287"|"82389 13"|"8239520"|"824295 9"|"8244241"|"8249601" |"8254880"|"8254915"|" 8255515"|"8255534"|"8 255689"|"8259692"|"82 60252"|"8264965"|"826 5004"|"8266249"|"8266 681"|"8270955"|"82709 72"|"8271025"|"827104 5"|"8271049"|"8271992" |"8275415"|"8275830"|" 8279067"|"8279864"|"8 280354"|"8284740"|"82 85249"|"8285992").PN.					
L41	279	("8290820"|"8291238"|" 8291439"|"8296404"|"8 300575"|"8306518"|"83 06741"|"8307067"|"831 0943"|"8315198"|"8315 593"|"8315594"|"83157 18"|"8315999"|"832024 4"|"8320949"|"8325638" |"8325906"|"8326319"|" 8326828"|"8331223"|"8 331293"|"8332375"|"83 39991"|"8340625"|"834 0628"|"8340678"|"8340 718"|"8346210"|"83462 25"|"8346923"|"834710 4"|"8347362"|"8347378" |"8350700"|"8351592"|" 8351898"|"8352360"|"8 352980"|"8353001"|"83 55570"|"8355696"|"835 6336"|"8358638"|"8358 975"|"8363658"|"83637 99"|"8364089"|"836480 6"|"8369274"|"8370477" |"8370483"|"8374090"|" 8374592"|"8375128"|"8 375136"|"8380247"|"83 85199"|"8385896"|"838 5964"|"8385975"|"8386 386"|"8391262"|"83918 34"|"8392982"|"839645 8"|"8396929"|"8401968" |"8402165"|"8402540"|" 8406427"|"8406736"|"8 407763"|"8411587"|"84 11691"|"8412798"|"841 3245"|"8418168"|"8422	(US-PGPUB; USPAT)	AND	ON	ON	2021/06/19 08:20 PM

		988"|"8423016"|"84294 03"|"8437734"|"844201 5"|"8446831"|"8447324" |"8447607"|"8447980"|" 8448015"|"8452858"|"8 457603"|"8461958"|"84 63194"|"8463232"|"846 8337"|"8472371"|"8477 778"|"8478840"|"84830 57"|"8483135"|"848369 4"|"8484327"|"8488597" |"8489110"|"8489720"|" 8494559"|"8495181"|"8 495207"|"8495227"|"84 95360"|"8495700"|"849 5743"|"8499087"|"8500 533"|"8503358"|"85034 55"|"8504032"|"850457 4"|"8504687"|"8504690" |"8504729"|"8505073"|" 8509082"|"8514927"|"8 516552"|"8520589"|"85 20595"|"8521110"|"852 1775"|"8522039"|"8522 249"|"8522337"|"85235 47"|"8526329"|"852635 0"|"8527013"|"8527410" |"8527662"|"8528068"|" 8531954"|"8531995"|"8 532610"|"8533775"|"85 35160"|"8538394"|"853 8421"|"8538458"|"8539 544"|"8543265"|"85438 14"|"8544105"|"854842 7"|"8549173"|"8554876" |"8559369"|"8561138"|" 8565746"|"8566236"|"8 571474"|"8571501"|"85 71598"|"8571993"|"857 2117"|"8572256"|"8583 499"|"8588240"|"85899 55"|"8594665"|"859518 6"|"8600895"|"8601125" |"8605691"|"8615507"|" 8619735"|"8620257"|"8 630925"|"8631428"|"86 34425"|"8635164"|"863 9215"|"8644702"|"8644 813"|"8645518"|"86553 57"|"8656472"|"866085 3"|"8666395"|"8667542" |"8670334"|"8675852"|" 8676682"|"8676925"|"8 693323"|"8694772"|"87 00729"|"8701015"|"870 5361"|"8706863"|"8713 535"|"8713641"|"87193 97"|"8719423"|"872448					

		6"|"8725899"|"8730842"|"8731519"|"8732808"|"8739035"|"8744339"|"8761711"|"8780857"|"8787249"|"8792857"|"8793304"|"8798610"|"8799440"|"8804695"|"8811338"|"8811991"|"8818394"|"8819253"|"8825109"|"8826411"|"8831561"|"8838752"|"8843849"|"8845415"|"8849297"|"8855620"|"8862751"|"8863111"|"8875042"|"8880047"|"8891483"|"8898748"|"8908516"|"8929374"|"8930238"|"8930551"|"8943551"|"8948726"|"8949382"|"8949597"|"8955038"|"8966018"|"8971912"|"8977284"|"8995952"|"9002342"|"9014973"|"9015331"|"9026100"|"9030934"|"9049010"|"9064275"|"9105031"|"9111088"|"9137286"|"9172553"|"9177455"|"9282460"|"9286469"|"9286604"|"9313708"|"9325737"|"9326173"|"9344557"|"9363285"|"9367680"|"9413546"|"9418381"|"9459767"|"9501803"|"9544397"|"9589117"|"9609459"|"9712476"|"9942796"|"9986413"|"RE44412").PN.					
L42	1489	L37 L38 L39 L40 L41 L36	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	OR	OFF	OFF	2021/06/19 08:21 PM
L43	91	secure environment service profile modem adj control link @ad<"20090213"	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	AND	OFF	OFF	2021/06/19 08:35 PM
L44	4392	wireless cellular network secure control channel policy @ad<"20090213"	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	AND	OFF	OFF	2021/06/19 09:28 PM
L45	2037	L27 L44	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	AND	OFF	OFF	2021/06/19 09:28 PM
L46	97	(Headwater Research).as.	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY,	AND	OFF	OFF	2022/03/11 05:12 PM

			CA, CH, CN, CS, CU, 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)				
L47	1424	(Raleigh Gregory G).in.	(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)	AND	OFF	OFF	2022/03/11 05:12 PM
L48	2348063	(G06F15/177 G06Q10/06315 G06Q10/06375 G06Q20/102 G06Q20/20 G06Q20/32 G06Q20/40 G06Q30/0207 G06Q30/0241 G06Q30/0283 G06Q30/0284 G06Q30/04 G06Q30/0601 G06Q40/00 G06Q40/12 H04L12/14 H04L12/1407 H04L41/0806 H04L41/0876 H04L41/0893 H04L41/5003 H04L41/5025 H04L41/5054 H04L47/20 H04L47/2408 H04L51/046 H04L63/0236 H04L63/04 H04L63/0428 H04L63/08	(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	OFF	OFF	2022/03/11 06:38 PM

		H04L63/0853 H04L63/0892 H04L63/10 H04L63/20 H04L67/145 H04L67/26 H04L67/2819 H04L67/306 H04L67/327 H04L67/34 H04L9/32 H04L9/3247 H04M15/00 H04M15/49 H04M15/58 H04M15/61 H04M15/66 H04M15/80 H04M15/8055 H04M15/88 H04M2215/0188 H04W12/00 H04W12/02 H04W12/037 H04W12/06 H04W12/08 H04W24/08 H04W28/02 H04W28/0215 H04W28/0268 H04W28/12 H04W4/02 H04W4/12 H04W4/18 H04W4/20 H04W4/24 H04W4/50 H04W48/14 H04W48/16 H04W72/0453 H04W8/02 H04W8/18 H04W8/20 H04W84/04 H04W84/042 H04W84/12 H04W88/06 H04W88/08 Y02P90/80).cpc.					
L49	137	secure environment service profile modem ADJ control link @ad<"20090213"	(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)	AND	OFF	OFF	2022/03/11 06:39 PM
L50	10163	wireless cellular network secure control channel policy @ad<"20090213"	(US-PGPUB; USPAT; USOCR; FIT (AU, AP, AT, BE, BG, BR, BY, CA, CH, CN, CS, CU, CZ, DD, DE, DK, EA,	AND	OFF	OFF	2022/03/11 06:39 PM

			EE, EP, ES, FI, FR, GB, HR, HU, ID, IE, IL, IS, IT, JP, KR, LT, LU, LV, MA, OA, RU, SU, WO, MC, MD, MY, NL, NO, NZ, PH, PL, PT, RO, RS, SE, SG, SI, SK, TH, TN, TR, TW, UA, VN); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L51	4775	L48 L50	(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)	AND	OFF	OFF	2022/03/11 06:39 PM
L54	5	("10021251" "8630630" "9204282" "20080120174" "20120011017").pn.	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/03/11 06:41 PM
L55	2354126	726/1.ccls. (G06F15/177 G06Q10/06315 G06Q10/06375 G06Q20/102 G06Q20/20 G06Q20/32 G06Q20/40 G06Q30/0207 G06Q30/0241 G06Q30/0283 G06Q30/0284 G06Q30/04 G06Q30/0601 G06Q40/00 G06Q40/12 H04L12/14 H04L12/1407 H04L41/0806 H04L41/0876 H04L41/0893 H04L41/5003 H04L41/5025 H04L41/5054 H04L47/20 H04L47/2408 H04L51/046 H04L63/0236	(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	OFF	OFF	2022/03/11 06:49 PM

		H04L63/04 H04L63/0428 H04L63/08 H04L63/0853 H04L63/0892 H04L63/10 H04L63/20 H04L67/145 H04L67/26 H04L67/2819 H04L67/306 H04L67/327 H04L67/34 H04L9/32 H04L9/3247 H04M15/00 H04M15/49 H04M15/58 H04M15/61 H04M15/66 H04M15/80 H04M15/8055 H04M15/88 H04M2215/0188 H04W12/00 H04W12/02 H04W12/037 H04W12/06 H04W12/08 H04W24/08 H04W28/02 H04W28/0215 H04W28/0268 H04W28/12 H04W4/02 H04W4/12 H04W4/18 H04W4/20 H04W4/24 H04W4/50 H04W48/14 H04W48/16 H04W72/0453 H04W8/02 H04W8/18 H04W8/20 H04W84/04 H04W84/042 H04W84/12 H04W88/06 H04W88/08 Y02P90/80).cpc.					
L56	609350	secure environment @ad<"20090213"	(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)	AND	OFF	OFF	2022/03/11 08:09 PM
L59	344	(secure ADJ memory) environment service	(US-PGPUB; USPAT; USOCR; FIT (AP, AT,	AND	OFF	OFF	2022/03/11 08:10 PM

		profile policy monitor @ad<"20090213"	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)				
L60	219	L48 l59	(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)	AND	OFF	OFF	2022/03/11 08:16 PM
L61	1076	(secure ADJ (memory OR storage)) environment service profile polic$3 monitor$3 @ad<"20090213"	(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)	AND	OFF	OFF	2022/03/11 08:21 PM
L62	548	L48 L61	(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,	AND	OFF	OFF	2022/03/11 08:21 PM

			SG, SI, SK, SU, TH, TN, TR, TW, UA, VN, WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L63	2651431	726/1.ccls. (G06F15/177 G06Q10/06315 G06Q10/06375 G06Q20/102 G06Q20/20 G06Q20/32 G06Q20/40 G06Q30/0207 G06Q30/0241 G06Q30/0283 G06Q30/0284 G06Q30/04 G06Q30/0601 G06Q40/00 G06Q40/12 H04L12/14 H04L12/1407 H04L41/0806 H04L41/0876 H04L41/0893 H04L41/5003 H04L41/5025 H04L41/5054 H04L47/20 H04L47/2408 H04L51/046 H04L63/0236 H04L63/04 H04L63/0428 H04L63/08 H04L63/0853 H04L63/0892 H04L63/10 H04L63/20 H04L67/145 H04L67/26 H04L67/2819 H04L67/306 H04L67/327 H04L67/34 H04L9/32 H04L9/3247 H04M15/00 H04M15/49 H04M15/58 H04M15/61 H04M15/66 H04M15/80 H04M15/8055 H04M15/88 H04M2215/0188 H04W12/00 H04W12/02 H04W12/037 H04W12/06 H04W12/08 H04W24/08 H04W28/02 H04W28/0215 H04W28/0268 H04W28/12 H04W4/02	(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	OFF	OFF	2023/06/03 07:56 AM

		H04W4/12 H04W4/18 H04W4/20 H04W4/24 H04W4/50 H04W48/14 H04W48/16 H04W72/0453 H04W8/02 H04W8/18 H04W8/20 H04W84/04 H04W84/042 H04W84/12 H04W88/06 H04W88/08 Y02P90/80).cpc.					
L64	132	(Headwater Research).as.	(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)	AND	OFF	OFF	2023/06/03 07:56 AM
L65	1505	(Raleigh Gregory G).in.	(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)	AND	OFF	OFF	2023/06/03 07:56 AM
L66	131	L64 L65	(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,	AND	OFF	OFF	2023/06/03 07:56 AM

			WO); FPRS; EPO; JPO; DERWENT; IBM_TDB)				
L67	4394	wireless cellular network secure control channel policy @ad<"20090213"	(US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB)	AND	OFF	OFF	2023/06/03 07:57 AM

PE2E SEARCH - Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	British Equivalents	Time Stamp
N23	3076	(726/1).CCLS.	(USPAT)	AND	ON	ON	2020/01/06 05:55 AM
N24	163754	(G06Q40/12 H04M15/00 H04L12/14 H04L41/5054 H04L47/20 H04M15/88 H04W12/0017 G06Q10/06315 G06Q30/0601 H04L67/145 H04W8/18 H04W72/0453 H04L9/3247 H04L63/08 H04W8/20 H04M15/58 H04M15/61 H04W88/08 H04L9/32 H04L41/0893 H04L67/306 G06Q10/06375 H04L67/327 H04W4/50 H04W12/02 H04W24/08 H04W28/02 H04W4/02 H04W4/18 H04W28/0215 H04L67/26 H04W12/08 H04W48/14 G06Q40/00 H04L41/5003 H04L63/0892 H04W4/12 G06Q30/0283 H04M15/80 G06Q20/102 G06Q30/0241 H04L63/0853 H04W4/20 H04W28/12 H04W48/16 H04W12/00 G06F15/177 G06Q30/04 H04L63/0428 H04L47/2408 H04L63/0236 H04W12/06 H04W28/0268 G06Q20/20 H04L41/0806	(USPAT)	OR	OFF	OFF	2020/01/06 05:55 AM

		H04L51/046 H04L63/04 H04W4/24 G06Q30/0207 G06Q30/0284 H04L63/10 H04L63/20 G06Q20/40 H04W84/04 H04L67/2819 H04W88/06 Y02P90/86 H04L41/0876 H04L67/34 H04W84/042 H04W8/02 H04L41/5025 H04M2215/0188 H04W84/12).cpc.					
N25	0	(secure environment service profile modem control link).clm.	(USPAT)	AND	OFF	OFF	2020/01/06 06:17 AM
N26	508307	(G06F15/177 G06Q10/06315 G06Q10/06375 G06Q20/102 G06Q20/20 G06Q20/32 G06Q20/40 G06Q30/0207 G06Q30/0241 G06Q30/0283 G06Q30/0284 G06Q30/04 G06Q30/0601 G06Q40/00 G06Q40/12 H04L12/14 H04L12/1407 H04L41/0806 H04L41/0876 H04L41/0893 H04L41/5003 H04L41/5025 H04L41/5054 H04L47/20 H04L47/2408 H04L51/046 H04L63/0236 H04L63/04 H04L63/0428 H04L63/08 H04L63/0853 H04L63/0892 H04L63/10 H04L63/20 H04L67/145 H04L67/26 H04L67/2819 H04L67/306 H04L67/327 H04L67/34 H04L9/32 H04L9/3247 H04M15/00 H04M15/49 H04M15/58 H04M15/61 H04M15/66 H04M15/80	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/03/11 06:48 PM

		H04M15/8055 H04M15/88 H04M2215/0188 H04W12/00 H04W12/02 H04W12/037 H04W12/06 H04W12/08 H04W24/08 H04W28/02 H04W28/0215 H04W28/0268 H04W28/12 H04W4/02 H04W4/12 H04W4/18 H04W4/20 H04W4/24 H04W4/50 H04W48/14 H04W48/16 H04W72/0453 H04W8/02 H04W8/18 H04W8/20 H04W84/04 H04W84/042 H04W84/12 H04W88/06 H04W88/08 Y02P90/80).cpc.					
N27	511773	726/1.ccls. (G06F15/177 G06Q10/06315 G06Q10/06375 G06Q20/102 G06Q20/20 G06Q20/32 G06Q20/40 G06Q30/0207 G06Q30/0241 G06Q30/0283 G06Q30/0284 G06Q30/04 G06Q30/0601 G06Q40/00 G06Q40/12 H04L12/14 H04L12/1407 H04L41/0806 H04L41/0876 H04L41/0893 H04L41/5003 H04L41/5025 H04L41/5054 H04L47/20 H04L47/2408 H04L51/046 H04L63/0236 H04L63/04 H04L63/0428 H04L63/08 H04L63/0853 H04L63/0892 H04L63/10 H04L63/20 H04L67/145 H04L67/26	(US-PGPUB; USPAT)	OR	OFF	OFF	2022/03/11 06:48 PM

		H04L67/2819 H04L67/306 H04L67/327 H04L67/34 H04L9/32 H04L9/3247 H04M15/00 H04M15/49 H04M15/58 H04M15/61 H04M15/66 H04M15/80 H04M15/8055 H04M15/88 H04M2215/0188 H04W12/00 H04W12/02 H04W12/037 H04W12/06 H04W12/08 H04W24/08 H04W28/02 H04W28/0215 H04W28/0268 H04W28/12 H04W4/02 H04W4/12 H04W4/18 H04W4/20 H04W4/24 H04W4/50 H04W48/14 H04W48/16 H04W72/0453 H04W8/02 H04W8/18 H04W8/20 H04W84/04 H04W84/042 H04W84/12 H04W88/06 H04W88/08 Y02P90/80).cpc.					
N28	21	(secure memory environment service profile policy).clm.	(US-PGPUB; USPAT)	AND	OFF	OFF	2022/03/11 08:19 PM

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

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

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	RALEP025C1C1C1C1C1

U.S.PATENTS						
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	7756757	B1	2010-07-13	Oakes III, Charles Lee	
	2	7760137	B2	2010-07-20	Martucci et al.	
	3	7760711	B1	2010-07-20	Kung et al.	
	4	7760861		2010-07-20	Croak, Marian et al.	
	5	7765294	B2	2010-07-27	Edwards et al.	
	6	7769397	B2	2010-08-03	Funato et al.	
	7	7770785	B2	2010-08-10	Jha et al.	
	8	7774323	B2	2010-08-10	Helfman, Nadav	

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /B.A.K/

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	RALEP025C1C1C1C1C1

	9	7774412	B1	2010-08-10	Schnepel, Soenke	
	10	7774456	B1	2010-08-10	Lownsbrough, Derek Leigh et al.	
	11	7778176		2010-08-17	Morford, Michael Robert	
	12	7778643		2010-08-17	Laroia, Rajiv et al.	
	13	7792257	B1	2010-09-07	Vanier et al.	
	14	7792538		2010-09-07	Kozisek, Steven E.	
	15	7792708		2010-09-07	ALVA, Jessi	
	16	7797019	B2	2010-09-14	Friedmann	
	17	7797060	B2	2010-09-14	Grgic et al.	
	18	7797204		2010-09-14	BALENT, Bruce F.	
	19	7797401		2010-09-14	STEWART et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	RALEP025C1C1C1C1C1

	20	7801523		2010-09-21	Kenderov, Stoyan	
	21	7801783	B2	2010-09-21	Kende et al.	
	22	7801985	B1	2010-09-21	Pitkow, Jim et al.	
	23	7802724		2010-09-28	Nohr, Steven Paul	
	24	7805140	B2	2010-09-28	Friday et al.	
	25	7805522	B2	2010-09-28	Schlüter et al.	
	26	7805606	B2	2010-09-28	Birger et al.	
	27	7809351	B1	2010-10-05	Panda et al.	
	28	7809372	B2	2010-10-05	Rajaniemi, Jaakko	
	29	7813746	B2	2010-10-12	Rajkotia, Purva R.	
	30	7817615	B1	2010-10-19	Breau et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	RALEP025C1C1C1C1C1

	31	7817983	B2	2010-10-19	Cassett et al.	
	32	7822837		2010-10-26	URBAN et al.	
	33	7822849	B2	2010-10-26	Titus	
	34	7826427	B2	2010-11-02	Sood et al.	
	35	7826607	B1	2010-11-02	De Carvalho Resende et al.	
	36	7835275	B1	2010-11-16	Swan et al.	
	37	7843831	B2	2010-11-30	Morrill et al.	
	38	7843843	B1	2010-11-30	Papp III et al.	
	39	7844034	B1	2010-11-30	Oh et al.	
	40	7844728	B2	2010-11-30	Anderson et al.	
	41	7848768		2010-12-07	OMORI et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	RALEP025C1C1C1C1C1

	42	7849161	B2	2010-12-07	Koch et al.	
	43	7849170	B1	2010-12-07	Hargens et al.	
	44	7849477	B2	2010-12-07	Cristofalo et al.	
	45	7853255	B2	2010-12-14	Karaoguz et al.	
	46	7853656	B2	2010-12-14	Yach et al.	
	47	7856226		2010-12-21	WONG, Ellis L. et al.	
	48	7860088	B2	2010-12-28	Lioy, Marcello	
	49	7865182		2011-01-04	Macaluso, Anthony G.	
	50	7865187	B2	2011-01-04	Ramer et al.	
	51	7868778		2011-01-11	KENWRIGHT, David Norris	
	52	7873001	B2	2011-01-18	Silver, Andrew	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	RALEP025C1C1C1C1C1

	53	7873344		2011-01-18	BOWSER, Robert et al.	
	54	7873346	B2	2011-01-18	Petersson et al.	
	55	7873540	B2	2011-01-18	Arumugam, Avin	
	56	7873705		2011-01-18	KALISH, Dan	
	57	7877090		2011-01-25	Maes, Stephane H.	
	58	7881199		2011-02-01	KRSTULICH, Zlatko	
	59	7881697	B2	2011-02-01	Baker, Matthew Donald et al.	
	60	7882029		2011-02-01	WHITE, Craig R.	
	61	7882247	B2	2011-02-01	Sturniolo et al.	
	62	7882560	B2	2011-02-01	Kraemer et al.	
	63	7886047		2011-02-08	POTLURI, Dora	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	RALEP025C1C1C1C1C1

	64	7889384	B2	2011-02-15	Armentrout et al.	
	65	7890084		2011-02-15	Dudziak, Thaddeus Jude et al.	
	66	7890111		2011-02-15	Bugenhagen, Michael K.	
	67	7894431	B2	2011-02-22	Goring et al.	
	68	7899039	B2	2011-03-01	Andreasen et al.	
	69	7899438	B2	2011-03-01	Baker, Matthew Donald et al.	
	70	7903553		2011-03-08	Liu, Enhui	
	71	7907970		2011-03-15	Park, Vincent D. et al.	
	72	7908358	B1	2011-03-15	Prasad et al.	
	73	7911975		2011-03-22	DROZ, Patrick et al.	
	74	7912025		2011-03-22	Pattenden, Christopher E. S. et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	RALEP025C1C1C1C1C1

	75	7912056		2011-03-22	BRASSEM, Wayne	
	76	7920529		2011-04-05	MAHLER, Roger et al.	
	77	7921463		2011-04-05	Sood, Kapil et al.	
	78	7925740	B2	2011-04-12	Nath et al.	
	79	7925778	B1	2011-04-12	Wijnands et al.	
	80	7929959	B2	2011-04-19	DeAtley, Dallas et al.	
	81	7929960		2011-04-19	MARTIN et al.	
	82	7929973		2011-04-19	Zavalkovsky, Arthur et al.	
	83	7930327	B2	2011-04-19	Craft David et al.	
	84	7930446	B2	2011-04-19	Kesselman, Alex et al.	
	85	7930553	B2	2011-04-19	Satarasinghe et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	RALEP025C1C1C1C1C1

	86	7933274	B2	2011-04-26	Verma et al.	
	87	7936736	B2	2011-05-03	Proctor Jr. et al.	
	88	7937069		2011-05-03	RASSAM, Frederic	
	89	7937450	B2	2011-05-03	Janik, Craig M.	
	90	7940685	B1	2011-05-10	Breslau, Lee et al.	
	91	7940751		2011-05-10	Hansen, Christopher J.	
	92	7941184		2011-05-10	PRENDERGAST et al.	
	93	7944948		2011-05-17	Chow, Albert T. et al.	
	94	7945238	B2	2011-05-17	Baker, Matthew Donald et al.	
	95	7945240		2011-05-17	KLOCK, Jacqueline et al.	
	96	7945945		2011-05-17	Graham, Richard et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	RALEP025C1C1C1C1C1

	97	7948952		2011-05-24	HURTTA, Tuija et al.	
	98	7948953	B2	2011-05-24	Melkote, Keerti G. et al.	
	99	7948968		2011-05-24	Voit, Eric A. et al.	
	100	7949529		2011-05-24	WEIDER et al.	
	101	7953808		2011-05-31	SHARP et al.	
	102	7953877	B2	2011-05-31	Vemula et al.	
	103	7957020		2011-06-07	MINE, Ryuta et al.	
	104	7957381	B2	2011-06-07	Clermidy et al.	
	105	7957511		2011-06-07	DRUDIS et al.	
	106	7958029	B1	2011-06-07	Bobich et al.	
	107	7962622		2011-06-14	Friend, John et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	RALEP025C1C1C1C1C1

	108	7965983		2011-06-21	SWAN, Tim et al.	
	109	7966405	B2	2011-06-21	Sundaresan et al.	
	110	7969950	B2	2011-06-28	Iyer et al.	
	111	7970350		2011-06-28	SHEYNMAN, Arnold	
	112	7970426		2011-06-28	Poe, Brian R. et al.	
	113	7974624		2011-07-05	Gallagher, Michael D. et al.	
	114	7975184		2011-07-05	GOFF et al.	
	115	7978627		2011-07-12	TAYLOR, William Scott et al.	
	116	7978686	B2	2011-07-12	Goyal et al.	
	117	7979069	B2	2011-07-12	Hupp et al.	
	118	7979889	B2	2011-07-12	Gladstone et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	RALEP025C1C1C1C1C1

	119	7979896	B2	2011-07-12	McMurtry et al.	
	120	7984130		2011-07-19	BOGINENI et al.	
	121	7984511	B2	2011-07-19	Kocher Paul et al.	
	122	7986935		2011-07-26	D'SOUZA et al.	
	123	7987496	B2	2011-07-26	Bryce et al.	
	124	7987510	B2	2011-07-26	Kocher et al.	
	125	7990049	B2	2011-08-02	Shioya, Shunsuke	
	126	8000276	B2	2011-08-16	Scherzer, Shimon et al.	
	127	8000318		2011-08-16	Wiley, William L. et al.	
	128	8005009		2011-08-23	McKee, Neil et al.	
	129	8005459		2011-08-23	BALSILLIE, Jim	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	RALEP025C1C1C1C1C1

	130	8005726	B1	2011-08-23	Bao, Yulin	
	131	8005913	B1	2011-08-23	Carlander, Carrie	
	132	8005988		2011-08-23	MAES, Stephane H.	
	133	8010080		2011-08-30	THENTHIRUPERAI et al.	
	134	8010081		2011-08-30	ROSKOWSKI, Steve	
	135	8010082	B2	2011-08-30	Sutaria et al.	
	136	8010990	B2	2011-08-30	Ferguson et al.	
	137	8015133		2011-09-06	WU et al.	
	138	8015234		2011-09-06	LUM et al.	
	139	8015249	B2	2011-09-06	Nayak et al.	
	140	8019687		2011-09-13	WANG et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	RALEP025C1C1C1C1C1

	141	8019820		2011-09-13	Son, Giyeong et al.	
	142	8019846	B2	2011-09-13	Roelens et al.	
	143	8019868		2011-09-13	RAO, Goutham et al.	
	144	8019886	B2	2011-09-13	Harrang, Jeffrey Paul et al.	
	145	8023425	B2	2011-09-20	Raleigh	
	146	8024397		2011-09-20	ERICKSON, Richard R. et al.	
	147	8024424	B2	2011-09-20	Freimuth et al.	
	148	8027339	B2	2011-09-27	Short, Joel E. et al.	
	149	8031601	B2	2011-10-04	Feroz et al.	
	150	8032168	B2	2011-10-04	Ikaheimo, Jorma	
	151	8032409	B1	2011-10-04	Mikurak	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	RALEP025C1C1C1C1C1

	152	8032899	B2	2011-10-04	Archer, Charles J. et al.	
	153	8036387	B2	2011-10-11	Kudelski et al.	
	154	8036600		2011-10-11	Garrett, Darrin et al.	
	155	8044792	B2	2011-10-25	Orr et al.	
	156	8045973	B2	2011-10-25	Chambers, Michael D.	
	157	8046449	B2	2011-10-25	Yoshiuchi, Hideya	
	158	8050275		2011-11-01	IYER, Jayaraman R.	
	159	8050690	B2	2011-11-01	Neeraj, Chawla	
	160	8050705	B2	2011-11-01	Sicher et al.	
	161	8059530		2011-11-15	Cole, Terry L.	
	162	8060017	B2	2011-11-15	Schlicht et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	RALEP025C1C1C1C1C1

	163	8060463		2011-11-15	Spiegel, Joel R.	
	164	8060603	B2	2011-11-15	CAUNTER et al.	
	165	8064418	B2	2011-11-22	Maki, Lasse	
	166	8064896		2011-11-22	BELL, Kris M. et al.	
	167	8065365	B2	2011-11-22	Saxena et al.	
	168	8068824		2011-11-29	SHAN, Xueshan et al.	
	169	8068829	B2	2011-11-29	Lemond, Eric et al.	
	170	8073427	B2	2011-12-06	Koch et al.	
	171	8073721		2011-12-06	Lewis, Lundy	
	172	8078140	B2	2011-12-13	Baker, Matthew Donald et al.	
	173	8078163	B2	2011-12-13	Lemond, Eric et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	RALEP025C1C1C1C1C1

	174	8085808	B2	2011-12-27	Brusca et al.	
	175	8086398	B2	2011-12-27	Sanchez et al.	
	176	8086497	B1	2011-12-27	Oakes III, Charles Lee	
	177	8086791	B2	2011-12-27	Caulkins, Jason	
	178	8090359		2012-01-03	Proctor Jr., James Arthur et al.	
	179	8090361	B2	2012-01-03	Hagan, Guy R.	
	180	8090616		2012-01-03	Proctor Jr., James Arthur et al.	
	181	8091087	B2	2012-01-03	Ali et al.	
	182	8094551		2012-01-10	HUBER, Kurt Donald et al.	
	183	8095112	B2	2012-01-10	Chow, Richard et al.	
	184	8095124	B2	2012-01-10	Balia, Hinal K.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	RALEP025C1C1C1C1C1

	185	8095640	B2	2012-01-10	Guingo et al.	
	186	8095666		2012-01-10	SCHMIDT et al.	
	187	8098579		2012-01-17	Ray, Amar N. et al.	
	188	8099077		2012-01-17	CHOWDHURY et al.	
	189	8099517		2012-01-17	JIA et al.	
	190	8102814		2012-01-24	RAHMAN, Shahriar I. et al.	
	191	8103285	B2	2012-01-24	Kalhan, Amit	
	192	8104080	B2	2012-01-24	Burns et al.	
	193	8107953	B2	2012-01-31	Zimmerman et al.	
	194	8108520		2012-01-31	Ruutu, Jussi et al.	
	195	8108680	B2	2012-01-31	Murray	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	RALEP025C1C1C1C1C1

	196	8112435	B2	2012-02-07	Epstein et al.	
	197	8116223		2012-02-14	TIAN, Dan et al.	
	198	8116749		2012-02-14	Proctor Jr., James Arthur et al.	
	199	8116781	B2	2012-02-14	Chen, Xixian et al.	
	200	8122128		2012-02-21	Burke, II, Robert M. et al.	
	201	8122249		2012-02-21	Falk, Rainer et al.	
	202	8125897	B2	2012-02-28	Ray et al.	
	203	8126123		2012-02-28	Cai, Yigang et al.	
	204	8126396	B2	2012-02-28	Bennett, James D.	
	205	8126476	B2	2012-02-28	Vardi, Yosef et al.	
	206	8126722		2010-02-28	ROBB, Terence Alan et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	RALEP025C1C1C1C1C1

	207	8130793	B2	2012-03-06	Edwards, Stephen K. et al.	
	208	8131256		2012-03-06	MARTTI, Jyrki et al.	
	209	8131281	B1	2012-03-06	Hildner et al.	
	210	8131840	B1	2012-03-06	Denker, Richard E.	
	211	8131858	B2	2012-03-06	Agulnik et al.	
	212	8132256	B2	2012-03-06	Bari, Farooq	
	213	8134954	B2	2012-03-13	Godfrey, James A. et al.	
	214	8135388		2012-03-13	Gailloux, Michael A. et al.	
	215	8135392		2012-03-13	MARCELLINO et al.	
	216	8135657		2012-03-13	Kapoor, Harsh et al.	
	217	8140690	B2	2012-03-20	Ly et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	RALEP025C1C1C1C1C1

	218	8144591		2012-03-27	GHAI et al.	
	219	8145194	B2	2012-03-27	Yoshikawa et al.	
	220	8146142	B2	2012-03-27	Lortz et al.	
	221	8149748	B2	2012-04-03	Bata et al.	
	222	8149823		2012-04-03	Turcan, Diane Brown et al.	
	223	8150394	B2	2012-04-03	Bianconi et al.	
	224	8150431		2012-04-03	Wolovitz, Lionel et al.	
	225	8151205	B2	2012-04-03	Follmann et al.	
	226	8155155		2012-04-10	Chow, Albert T. et al.	
	227	8155620		2012-04-10	Wang, Jun et al.	
	228	8155666	B2	2012-04-10	Alizadeh-Shabdiz, Farshid	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	RALEP025C1C1C1C1C1

	229	8155670		2012-04-10	Fullam, Scott et al.	
	230	8156206		2012-04-10	KILEY, Kevin J. et al.	
	231	8159520	B1	2012-04-17	Dhanoa et al.	
	232	8160015		2012-04-17	RASHID, Mohammed H. et al.	
	233	8160056	B2	2012-04-17	Van der Merwe et al.	
	234	8160598	B2	2012-04-17	Savoor, Raghvendra	
	235	8165576		2012-04-24	Raju, Vishwanath et al.	
	236	8166040	B2	2012-04-24	Brindisi, Richard G. et al.	
	237	8166554	B2	2012-04-24	John, Pramod	
	238	8170553		2012-05-01	BENNETT, James D.	
	239	8174378	B2	2012-05-08	Richman et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	RALEP025C1C1C1C1C1

	240	8174970	B2	2012-05-12	Adamczyk, Maria et al.	
	241	8175574	B1	2012-05-08	Panda et al.	
	242	8180333	B1	2012-05-15	Wells et al.	
	243	8180881	B2	2012-05-15	Seo et al.	
	244	8180886	B2	2012-05-15	Overcash et al.	
	245	8184530		2012-05-22	SWAN, Tim L. et al.	
	246	8184590		2012-05-22	Rosenblatt, Ariel	
	247	8185088	B2	2012-05-22	Klein et al.	
	248	8185093		2012-05-22	Jheng, Yu-Syuan et al.	
	249	8185127	B1	2012-05-22	Cai et al.	
	250	8185152		2012-05-22	GOLDNER, Alla	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	RALEP025C1C1C1C1C1

	251	8185158		2012-05-22	Tamura, Motoshi et al.	
	252	8190087	B2	2012-05-29	Fisher et al.	
	253	8190122	B1	2012-05-29	Alexander et al.	
	254	8190675		2012-05-29	TRIBBETT, David	
	255	8191106	B2	2012-05-29	Choyi et al.	
	256	8191116		2012-05-29	Gazzard, Daryl	
	257	8191124	B2	2012-05-29	Wynn et al.	
	258	8194549	B2	2012-06-05	Huber et al.	
	259	8194553		2012-06-05	LIANG, Zhi Yong et al.	
	260	8194572	B2	2012-06-05	Horvath et al.	
	261	8194581	B1	2012-06-05	Schroeder et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	RALEP025C1C1C1C1C1

	262	8195093	B2	2012-06-05	Garrett et al.	
	263	8195153	B1	2012-06-05	Frencel et al.	
	264	8195163	B2	2012-06-05	Gisby, Doug et al.	
	265	8195661	B2	2012-06-05	Kalavade, Asawaree	
	266	8196199	B2	2012-06-05	Hrastar et al.	
	267	8200163	B2	2012-06-12	Hoffman, George E.	
	268	8200200	B1	2012-06-12	Belser et al.	
	269	8200509	B2	2012-06-12	Kenedy, Andrew Alexander et al.	
	270	8200775		2012-06-12	MOORE, James F.	
	271	8200818	B2	2012-06-12	Freund et al.	
	272	8204190	B2	2012-06-19	Bang et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	RALEP025C1C1C1C1C1

	273	8204505	B2	2012-06-19	Jin et al.	
	274	8208788	B2	2012-06-26	Ando et al.	
	275	8208919		2012-06-26	KOTECHA, Lalit Ratilal	
	276	8213296		2012-07-03	SHANNON, Frank M. et al.	
	277	8213363		2012-07-03	Ying, Wen-Ping et al.	
	278	8214536		2012-07-03	ZHAO, Wen	
	279	8214890	B2	2012-07-03	Kirovski et al.	
	280	8219134	B2	2012-07-10	Maharajh et al.	
	281	8223655	B2	2012-07-17	Heinz et al.	
	282	8223741	B	2012-07-17	Bartlett et al.	
	283	8224382		2012-07-17	Bultman, Michael J.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	RALEP025C1C1C1C1C1

	284	8224773		2012-07-17	Spiegel, Joel R.	
	285	8228818	B2	2012-07-24	Chase et al.	
	286	8229394	B2	2012-07-24	Karlberg, Johan	
	287	8229914	B2	2012-07-24	Ramer et al.	
	288	8233433	B2	2012-07-31	Kalhan, Amit	
	289	8233883		2012-07-31	De Froment, Eric	
	290	8233895		2012-07-31	Tysowski, Piotr Konrad	
	291	8234583	B2	2012-07-31	Sloo et al.	
	292	8238287		2012-08-07	Gopi, Paramesh et al.	
	293	8238913	B1	2012-08-07	Bhattacharyya et al.	
	294	8239520		2012-08-07	GRAH, Adrian	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	RALEP025C1C1C1C1C1

	295	8242959	B2	2012-08-14	Mia, Rashidus S. et al.	
	296	8244241		2012-08-14	Montemurro, Michael	
	297	8249601	B2	2012-08-21	Emberson et al.	
	298	8254880	B2	2012-08-28	Aaltonen et al.	
	299	8254915		2012-08-28	Kozisek, Steven E.	
	300	8255515		2012-08-28	MELMAN, David et al.	

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

U.S.PATENT APPLICATION PUBLICATIONS

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					

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

FOREIGN PATENT DOCUMENTS

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]

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	RALEP025C1C1C1C1C1

	1							☐

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

NON-PATENT LITERATURE DOCUMENTS

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

EXAMINER SIGNATURE

Examiner Signature	/BENJAMIN A KAPLAN/	Date Considered	06/03/2023

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

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

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /B.A.K/

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	RALEP025C1C1C1C1C1

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	/Farshad Farjami/	Date (YYYY-MM-DD)	2023-01-09
Name/Print	Farshad Farjami	Registration Number	41,014

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.

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

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

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	RALEP025C1C1C1C1C1

U.S.PATENTS

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

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

U.S.PATENT APPLICATION PUBLICATIONS

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	20040102182	A1	2004-05-27	Reith et al.	

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

FOREIGN PATENT DOCUMENTS

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	1247411	EP	A2	2002-10-09	Charas		☐
	2	100958566	KR	B1	2010-05-17	임승룡 et al.		☐
	3	03017065	WO	A2	2003-02-27	Deshmukh et al.		☐

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /B.A.K/

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	RALEP025C1C1C1C1C1

	4	2009002949	WO	A2	2008-12-31	Ficcaglia et al.		☐
	5	2009002949	WO	A3	2009-03-26	Ficcaglia et al.		☐

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

NON-PATENT LITERATURE DOCUMENTS

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

EXAMINER SIGNATURE

Examiner Signature	/BENJAMIN A KAPLAN/	Date Considered	06/03/2023

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

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

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	RALEP025C1C1C1C1C1

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	/Farshad Farjami/	Date (YYYY-MM-DD)	2023-02-10
Name/Print	Farshad Farjami	Registration Number	41,014

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.

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

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

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	RALEP025C1C1C1C1C1

U.S.PATENTS

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	9942796	B2	2018-04-10	Raleigh	
	2	9986413	B2	2018-05-29	Raleigh	
	3	RE44412		2013-08-06	Naqvi et al.	

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

U.S.PATENT APPLICATION PUBLICATIONS

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					

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

FOREIGN PATENT DOCUMENTS

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

EFS Web 2.1.18

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /B.A.K/

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	RALEP025C1C1C1C1C1

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

NON-PATENT LITERATURE DOCUMENTS

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

EXAMINER SIGNATURE

Examiner Signature	/BENJAMIN A KAPLAN/	Date Considered	06/03/2023

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

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

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /B.A.K/

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	RALEP025C1C1C1C1C1

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	/Farshad Farjami/	Date (YYYY-MM-DD)	2023-01-09
Name/Print	Farshad Farjami	Registration Number	41,014

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.

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

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

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	RALEP025C1C1C1C1C1

U.S.PATENTS						
Examiner Initial*	Cite No	Patent Number	Kind Code[1]	Issue Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear
	1					
If you wish to add additional U.S. Patent citation information please click the Add button.						

U.S.PATENT APPLICATION PUBLICATIONS						
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	20030206533	A1	2003-11-06	Charas	
	2	20050177515	A1	2005-08-11	Kalavade et al.	
	3	20070255942	A1	2007-11-01	Weller et al.	
	4	20080046965	A1	2008-02-21	Wright et al.	
	5	20080089295	A1	2008-04-17	Keeler et al.	
If you wish to add additional U.S. Published Application citation information please click the Add button.						

FOREIGN PATENT DOCUMENTS

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /B.A.K/

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	RALEP025C1C1C1C1C1

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

NON-PATENT LITERATURE DOCUMENTS

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

EXAMINER SIGNATURE

Examiner Signature	/BENJAMIN A KAPLAN/	Date Considered	06/03/2023

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

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

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /B.A.K/

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	RALEP025C1C1C1C1C1

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	/Farshad Farjami/	Date (YYYY-MM-DD)	2023-01-16
Name/Print	Farshad Farjami	Registration Number	41,014

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.

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

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

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	P025C1C1C1C1C1

U.S.PATENTS						
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	6754470		2004-06-22	Hendrickson, Keith et al.	
	2	6757717	B1	2004-06-29	Goldstein, Leonid	
	3	6760417	B1	2004-07-06	Wallenius, Jukka	
	4	6763000		2004-07-13	WALSH, Peter J.	
	5	6763226	B1	2004-07-13	McZeal Jr., Alfred	
	6	6765864		2004-07-20	NATARAJAN et al.	
	7	6765925		2004-07-20	Sawyer, Wilson et al.	
	8	6782412		2004-08-24	BROPHY, Kevin et al.	

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /B.A.K/

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	P025C1C1C1C1C1

	9	6785889		2004-08-31	WILLIAMS, Peter	
	10	6792461	B1	2004-09-14	Hericourt, Olivier	
	11	6829596		2004-12-07	FRAZEE, Steve	
	12	6829696		2004-12-07	BALMER et al.	
	13	6839340		2005-01-04	Voit, Eric A. et al.	
	14	6842628	B1	2005-01-11	Arnold et al.	
	15	6873988	B2	2005-03-29	Herrmann et al.	
	16	6876653		2005-04-05	AMBE, Shekhar et al.	
	17	6879825	B1	2005-04-12	Daly, Brian Kevin	
	18	6882718	B1	2005-04-19	Smith, Benjamin V.	
	19	6885997	B1	2005-04-26	Roberts, David T.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	P025C1C1C1C1C1

	20	6901440	B1	2005-05-31	Bimm et al.	
	21	6920455		2005-07-19	WESCHLER, Paul	
	22	6922562		2005-07-26	Ward, Stephen L. et al.	
	23	6928280		2005-08-09	Xanthos, James et al.	
	24	6934249	B1	2005-08-23	Bertin, Olivier et al.	
	25	6934751	B2	2005-08-23	Jayapalan et al.	
	26	6947723		2005-09-20	Gumani, Roger et al.	
	27	6947985	B2	2005-09-20	Hegli et al.	
	28	6952428		2005-10-04	NECKA et al.	
	29	6957067		2005-10-18	Iyer, Pradeep J. et al.	
	30	6959202	B2	2005-10-25	Heinonen et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	P025C1C1C1C1C1

	31	6959393	B2	2005-10-25	Hollis et al.	
	32	6965667		2005-11-15	TRABANDT et al.	
	33	6965872		2005-11-15	Grdina, Jerome M.	
	34	6967958		2005-11-22	ONO, Yoshiyuki et al.	
	35	6970692	B2	2005-11-29	Tysor, Arthur James	
	36	6970927	B1	2005-11-29	Stewart et al.	
	37	6982733	B1	2006-01-03	McNally et al.	
	38	6983370	B2	2006-01-03	Eaton et al.	
	39	6996062	B1	2006-02-07	Freed et al.	
	40	6996076		2006-02-07	FORBES et al.	
	41	6996393		2006-02-07	Pyhalammi, Seppo et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	P025C1C1C1C1C1

	42	6998985		2006-02-14	REISMAN et al.	
	43	7002920		2006-02-21	Ayyagari, Deepak et al.	
	44	7007295	B1	2006-02-28	Rose et al.	
	45	7013469	B2	2006-03-14	Smith et al.	
	46	7017189	B1	2006-03-21	DeMello et al.	
	47	7024200		2006-04-04	McKENNA et al.	
	48	7024460	B2	2006-04-04	Koopmas et al.	
	49	7027055	B2	2006-04-11	Anderson et al.	
	50	7027408		2006-04-11	NABKEL et al.	
	51	7031733	B2	2006-04-18	Alminana et al.	
	52	7032072	B1	2006-04-18	Quinn et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	P025C1C1C1C1C1

	53	7039027	B2	2006-05-02	Bridgelall, Raj	
	54	7039037		2006-05-02	Wang, Jiwei R. et al.	
	55	7039403		2006-05-02	Wong, Gregory A.	
	56	7039713	B1	2006-05-02	Van Gunter, David et al.	
	57	7042988		2006-05-09	JUITT et al.	
	58	7043225	B1	2006-05-09	Patel et al.	
	59	7043226		2006-05-09	Yamauchi, Toshiaki	
	60	7043268	B2	2006-05-09	Yukie et al.	
	61	7047276	B2	2006-05-16	Liu et al.	
	62	7058022	B1	2006-06-06	Carolan et al.	
	63	7058968		2006-06-06	ROWLAND et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	P025C1C1C1C1C1

	64	7068600		2006-06-27	CAIN, Joseph Bibb	
	65	7069248		2006-06-27	HUBER, Adriano	
	66	7082422	B1	2006-07-25	Zirngibl et al.	
	67	7084775	B1	2006-08-01	Smith, Michael R.	
	68	7092696		2006-08-15	HOSAIN et al.	
	69	7095754	B2	2006-08-22	Benveniste, Mathilde	
	70	7102620	B2	2006-09-05	Harries, Andrew Stanely Guy et al.	
	71	7110753	B2	2006-09-19	Campen, Kenneth Brian	
	72	7113780	B2	2006-09-26	Mckenna Daniel et al.	
	73	7113997		2012-09-26	Jayapalan, Jay et al.	
	74	7120133	B1	2006-10-10	Joo et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	P025C1C1C1C1C1

	75	7133386	B2	2006-11-07	Holur et al.	
	76	7133695	B2	2006-11-07	Beyda, William J.	
	77	7136361	B2	2006-11-14	Benveniste, Mathilde	
	78	7139569	B2	2006-11-21	Kato, Akira	
	79	7142876		2006-11-28	TROSSEN et al.	
	80	7149229	B1	2006-12-12	Leung, Kent K.	
	81	7149521	B2	2006-12-12	Sundar et al.	
	82	7151764	B1	2006-12-19	Heinonen et al.	
	83	7158792		2007-01-02	COOK et al.	
	84	7162237	B1	2007-01-09	Silver et al.	
	85	7165040	B2	2007-01-16	Ehrman et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	P025C1C1C1C1C1

	86	7167078		2007-01-23	POURCHOT, Shawn C.	
	87	7174156	B1	2007-02-06	Mangal, Manish	
	88	7174174		2007-02-06	BORIS et al.	
	89	7177919	B1	2007-02-13	Truong et al.	
	90	7180855		2007-02-20	LIN , Wei	
	91	7181017		2007-02-20	Nagel, Robert H. et al.	
	92	7191248	B2	2007-03-13	Chattopadhyay et al.	
	93	7197321		2007-03-27	ERSKINE et al.	
	94	7200112	B2	2007-04-03	Sundar et al.	
	95	7200551	B1	2007-04-03	Senez	
	96	7203169	B1	2007-04-10	Okholm, Jon et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	P025C1C1C1C1C1

	97	7203721	B1	2007-04-10	Ben-Efraim et al.	
	98	7203752	B2	2007-04-10	Rice et al.	
	99	7212491		2007-05-01	Koga, Takahiro	
	100	7219123	B1	2007-05-15	Fiechter et al.	
	101	7222190	B2	2007-05-22	Klinker et al.	
	102	7222304	B2	2007-05-22	Beaton et al.	
	103	7224968	B2	2007-05-29	Dobson et al.	
	104	7228354		2007-06-05	CHAMBLISS, David Darden et al.	
	105	7236780		2007-06-26	Benco, David S.	
	106	7242668	B2	2007-07-10	Kan et al.	
	107	7242920		2007-07-10	MORRIS, Robert P.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	P025C1C1C1C1C1

	108	7245901		2007-07-17	McGREGOR et al.	
	109	7248570	B2	2007-07-24	Bahl et al.	
	110	7251218		2007-07-31	Jorgensen, Jacob W.	
	111	7260382	B1	2007-08-21	Lamb et al.	
	112	7266371	B1	2007-09-04	Amin et al.	
	113	7269157	B2	2007-09-11	Klinker et al.	
	114	7271765	B2	2007-09-18	Stilp et al.	
	115	7272660	B1	2007-09-18	Powers et al.	
	116	7280816		2007-10-09	FRATTI et al.	
	117	7280818		2007-10-09	CLAYTON, Steve	
	118	7283561		2007-10-16	Picher-Dempsey, Heidi	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	P025C1C1C1C1C1

	119	7283963		2007-10-16	FITZPATRICK, John E. et al.	
	120	7286834	B2	2007-10-23	Walter	
	121	7286848	B2	2007-10-23	Vireday, Richard P. et al.	
	122	7289489		2007-10-30	KUNG et al.	
	123	7290283		2007-10-30	COPELAND III, John A.	
	124	7310424		2007-12-18	Gehring, Stephan Walter et al.	
	125	7313237	B2	2007-12-25	Bahl, Paramvir et al.	
	126	7315892	B2	2008-01-01	Freimuth et al.	
	127	7317699		2008-01-08	GODFREY et al.	
	128	7318050	B1	2008-01-08	Musgrave	
	129	7318111	B2	2008-01-08	Zhao, Wen	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	P025C1C1C1C1C1

	130	7320029	B2	2008-01-15	Rinne et al.	
	131	7322044		2008-01-22	HRASTAR, Scott E.	
	132	7324447		2008-01-29	MORFORD, Michael Robert	
	133	7325037		2008-01-29	LAWSON, Karen L.	
	134	7336960		2008-02-26	ZAVALKOVSKY et al.	
	135	7340772	B2	2008-03-04	Panasyuk et al.	
	136	7346410		2008-03-18	UCHIYAMA, Kenji	
	137	7349695		2008-03-25	OOMMEN et al.	
	138	7353533	B2	2008-04-01	Wright et al.	
	139	7356011		2008-04-08	Waters, Christopher J.F. et al.	
	140	7356337		2008-04-08	FLORENCE, Shahar	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	P025C1C1C1C1C1

	141	7366497		2008-04-29	NAGATA, Hideaki	
	142	7366654	B2	2008-04-29	Moore, Robert C.	
	143	7366934	B1	2008-04-29	Narayan et al.	
	144	7369848	B2	2008-05-06	Jiang, Yue Jun	
	145	7369856	B2	2008-05-06	Ovadia, Shlomo	
	146	7373136		2008-05-13	WATLER et al.	
	147	7373179		2008-05-13	Stine, Ted et al.	
	148	7379731	B2	2008-05-27	Natsuno et al.	
	149	7388950		2008-06-17	ELSEY et al.	
	150	7389412	B2	2008-06-17	Sharma et al.	
	151	7391724	B2	2008-06-24	Alakoski et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	P025C1C1C1C1C1

	152	7395056	B2	2008-07-01	Petermann	
	153	7395244	B1	2008-07-01	Kingsford, Bryan	
	154	7401338		2008-07-15	BOWEN et al.	
	155	7403763		2008-07-22	MAES, Stephane H.	
	156	7409447	B	2008-08-05	Assadzadeh, Alireza	
	157	7409569	B2	2008-08-05	Illowsky et al.	
	158	7411930	B2	2008-08-12	Montojo et al.	
	159	7418253		2008-08-26	KAVANAH, Alan	
	160	7418257		2008-08-26	Kim, Myong-Ju	
	161	7421004		2008-09-02	FEHER, Kamilo	
	162	7423971	B1	2008-09-09	Mohaban et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	P025C1C1C1C1C1

	163	7428750	B1	2008-09-23	Dunn et al.	
	164	7433362	B2	2008-10-07	Mallya et al.	
	165	7436816	B2	2008-10-14	Mehta et al.	
	166	7440433	B2	2008-10-21	Rink et al.	
	167	7444669	B1	2008-10-28	Bahl, Paramvir et al.	
	168	7450591		2008-11-11	KORLING et al.	
	169	7450927		2008-11-11	CRESWELL et al.	
	170	7454191	B2	2008-11-18	Dawson et al.	
	171	7457265		2008-11-25	Julka, Vibhor et al.	
	172	7457870	B1	2008-11-25	Lownsbrough et al.	
	173	7460837	B2	2008-12-02	Diener, Neil R.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	P025C1C1C1C1C1

	174	7466652	B2	2008-12-16	Lau et al.	
	175	7467160	B2	2008-12-16	McIntyre	
	176	7472189		2008-12-30	Mallya, Arvind R. et al.	
	177	7478420	B2	2009-01-13	Wright, Michael et al.	
	178	7486185		2009-02-03	CULPEPPER et al.	
	179	7486658	B2	2009-02-03	Kumar, Rajneesh	
	180	7493659	B1	2009-02-17	Wu, Handong et al.	
	181	7496652		2009-02-24	Pezzutti, David	
	182	7499438		2009-03-03	Hinman, Brian L. et al.	
	183	7499537		2009-03-03	ELSEY et al.	
	184	7502672	B1	2009-03-10	Kolls, H. Brock	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	P025C1C1C1C1C1

	185	7505756	B2	2009-03-17	Bahl	
	186	7505795	B1	2009-03-17	Lim et al.	
	187	7508799	B2	2009-03-24	Sumner et al.	
	188	7512128	B2	2009-03-31	DiMambro et al.	
	189	7512131	B2	2009-03-31	Svensson et al.	
	190	7515608		2009-04-07	Yuan, Yuan et al.	
	191	7515926	B2	2009-04-07	Bu et al.	
	192	7516219		2009-04-07	MOGHADDAM et al.	
	193	7522549	B2	2009-04-21	Karaoguz et al.	
	194	7522576	B2	2009-04-21	Du et al.	
	195	7526541	B2	2009-04-28	Roese et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	P025C1C1C1C1C1

	196	7529204	B2	2009-05-05	Bourlas, Yair et al.	
	197	7535880		2009-05-19	Hinman, Brian L. et al.	
	198	7536695	B2	2009-05-19	Alam et al.	
	199	7539132	B2	2009-05-26	Werner et al.	
	200	7539862	B2	2009-05-26	Edgett et al.	
	201	7540408	B2	2009-06-02	Levine et al.	
	202	7545782		2009-06-09	Rayment, Stephen G. et al.	
	203	7546460		2009-06-09	Maes, Stephane H.	
	204	7546629		2009-06-09	ALBERT, Anthony et al.	
	205	7548875	B2	2009-06-16	Mikkelsen et al.	
	206	7548976	B2	2009-06-16	Bahl, Paramvir et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	P025C1C1C1C1C1

	207	7551921	B2	2009-06-23	Petermann	
	208	7551922		2009-06-23	Roskowski, Steve et al.	
	209	7554983	B1	2009-06-30	Muppala, Suresh	
	210	7555757	B2	2009-06-30	Smith et al.	
	211	7561899	B2	2009-07-14	Lee, Changseok	
	212	7562213	B1	2009-07-14	Timms, Natalie	
	213	7564799	B2	2009-07-21	Holland et al.	
	214	7565141		2009-07-21	Macaluso, Anthony G.	
	215	7574509	B2	2009-08-11	Nixon et al.	
	216	7574731		2009-08-11	FASCENDA, Anthony C.	
	217	7577431	B2	2009-08-18	Jiang, Yue Jun	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	P025C1C1C1C1C1

	218	7580356	B1	2009-08-25	Mishra et al.	
	219	7580857		2009-08-25	VanFLEET et al.	
	220	7583964	B2	2009-09-01	Wong, Gregory A.	
	221	7584298	B2	2009-09-01	Klinker et al.	
	222	7585217	B2	2009-09-08	Lutnick et al.	
	223	7586871	B2	2009-09-08	Hamilton et al.	
	224	7593417		2009-09-22	Wang, James et al.	
	225	7593730	B2	2009-09-22	Khandelwal, Deepak et al.	
	226	7596373	B2	2009-09-29	Mcgregor, Christopher et al.	
	227	7599288		2009-10-06	COLE, Raymond E. et al.	
	228	7599714	B2	2009-10-06	Kuzminskiy, Alexandr	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	P025C1C1C1C1C1

	229	7602746	B2	2009-10-13	Calhoun et al.	
	230	7606918	B2	2009-10-20	Holzman et al.	
	231	7607041	B2	2009-10-20	Kraemer et al.	
	232	7609650		2009-10-27	ROSKOWSKI, Steve et al.	
	233	7609700		2009-10-27	Ying, Wen-Ping et al.	
	234	7610047	B2	2009-10-27	Hicks III et al.	
	235	7610057	B2	2009-10-27	Bahl et al.	
	236	7610328		2009-10-27	HAASE et al.	
	237	7610396	B2	2009-10-27	Taglienti et al.	
	238	7614051	B	2009-11-03	Glaum et al.	
	239	7616962	B2	2009-11-10	Oswal, Anand K. et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	P025C1C1C1C1C1

	240	7617516		2009-11-10	HUSLAK et al.	
	241	7620041		2009-11-17	Dunn, Jeffrey H. et al.	
	242	7620065		2009-11-17	FALARDEAU, Eric	
	243	7620162		2009-11-17	AARON et al.	
	244	7620383	B2	2009-11-17	Taglienti et al.	
	245	7627314		2009-12-01	Carlson, Steven I. et al.	
	246	7627600	B2	2009-12-01	Citron et al.	
	247	7627767	B2	2009-12-01	Sherman et al.	
	248	7627872	B2	2009-12-01	Hebeler et al.	
	249	7633438		2009-12-15	Tysowski, Piotr Konrad	
	250	7634388		2009-12-15	Archer, Charles J. et al.	Entire Document

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	P025C1C1C1C1C1

	251	7636574		2009-12-22	Poosala, Viswanath	
	252	7636626	B2	2009-12-22	Oesterling et al.	
	253	7643411	B2	2010-01-05	Andreasen et al.	
	254	7644151		2010-01-05	JERRIM, John et al.	
	255	7644267		2010-01-05	YLIKOSKI, Martti et al.	
	256	7644414	B2	2010-01-05	Smith et al.	
	257	7647047		2010-01-12	MOGHADDAM et al.	
	258	7650137		2010-01-19	JOBS et al.	
	259	7653394	B2	2010-01-26	McMillin, Brian K.	
	260	7656271	B2	2010-02-02	Ehrman et al.	
	261	7657920	B2	2010-02-02	Arseneau et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	P025C1C1C1C1C1

	262	7660419	B1	2010-02-09	Ho, Jin-Meng	
	263	7661124	B2	2010-02-09	Ramanathan et al.	
	264	7664494	B2	2010-02-16	Jiang, Yue Jun	
	265	7668176		2010-02-23	Chuah, Mooi Choo	
	266	7668612	B	2010-02-23	Okkonen, Harri	
	267	7668903		2010-02-23	EDWARDS et al.	
	268	7668966	B2	2010-02-23	Klinker et al.	
	269	7676673	B2	2010-03-09	Weller et al.	
	270	7680086	B2	2010-03-16	Eglin	
	271	7681226	B2	2010-03-16	Kraemer et al.	
	272	7684370	B2	2010-03-23	Kezys, Vytautas Robertas	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	P025C1C1C1C1C1

	273	7685131		2010-03-23	Batra, Vishal Singh et al.	
	274	7685254		2010-03-23	Pandya, Ashish A.	
	275	7685530	B2	2010-03-23	Sherrard et al.	
	276	7688792	B2	2010-03-30	Babbar et al.	
	277	7693107	B2	2010-04-06	De Froment, Eric	
	278	7693720		2010-04-06	KENNEWICK et al.	
	279	7697540	B2	2010-04-13	Haddad et al.	
	280	7710932		2010-05-04	MUTHUSWAMY, Sivakumar et al.	
	281	7711848		2010-05-04	MAES, Stephane H.	
	282	7719966	B2	2010-05-18	Luft et al.	
	283	7720206	B2	2010-05-18	Devolites et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	P025C1C1C1C1C1

	284	7720464	B2	2010-05-18	Batta, Puneet	
	285	7720505		2010-05-18	GOPI et al.	
	286	7720960	B2	2010-05-18	Pruss, Richard Manfred et al.	
	287	7721296	B2	2010-05-18	Ricagni, Giuseppe	
	288	7724716	B2	2010-05-25	Fadell, Anthony M.	
	289	7725570		2010-05-25	Lewis, Lundy	
	290	7729326		2010-06-01	Sekhar, Ramesh	
	291	7730123		2010-06-01	ERICKSON, Richard R. et al.	
	292	7734784		2010-06-08	ARAUJO et al.	
	293	7742406	B1	2010-06-22	Muppala, Suresh	
	294	7746854		2010-06-29	AMBE, Shekhar et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	P025C1C1C1C1C1

	295	7747240		2010-06-29	BRISCOE et al.	
	296	7747699		2010-06-29	PRUEITT et al.	
	297	7747730		2010-06-29	HARLOW, James D.	
	298	7752330	B2	2010-07-06	Olsen et al.	
	299	7756056	B2	2010-07-13	Kim et al.	
	300	7756534		2010-07-13	Anupam, Vinod et al.	

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

U.S.PATENT APPLICATION PUBLICATIONS

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					

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

FOREIGN PATENT DOCUMENTS

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]

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	P025C1C1C1C1C1

	1							☐

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

NON-PATENT LITERATURE DOCUMENTS

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

EXAMINER SIGNATURE

Examiner Signature	/BENJAMIN A KAPLAN/	Date Considered	06/03/2023

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

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

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /B.A.K/

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	P025C1C1C1C1C1

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	/Farshad Farjami/	Date (YYYY-MM-DD)	2023-01-09
Name/Print	Farshad Farjami	Registration Number	41,014

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.

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

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Not for submission under 37 CFR 1.99)

Application Number	17867585
Filing Date	2022-07-18
First Named Inventor	RALEIGH, GREGORY
Art Unit	
Examiner Name	NOT YET ASSIGNED
Attorney Docket Number	RALEP025C1C1C1C1C1

U.S.PATENTS

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

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

U.S.PATENT APPLICATION PUBLICATIONS

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	20040102182	A1	2004-05-27	Reith et al.	

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

FOREIGN PATENT DOCUMENTS

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	1247411	EP	A2	2002-10-09	Charas		☐
	2	100958566	KR	B1	2010-05-17	임승룡 et al.		☐
	3	03017065	WO	A2	2003-02-27	Deshmukh et al.		☐

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	RALEP025C1C1C1C1C1

	4	2009002949	WO	A2	2008-12-31	Ficcaglia et al.		☐
	5	2009002949	WO	A3	2009-03-26	Ficcaglia et al.		☐

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

NON-PATENT LITERATURE DOCUMENTS

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

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	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	RALEP025C1C1C1C1C1

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	/Farshad Farjami/	Date (YYYY-MM-DD)	2023-02-10
Name/Print	Farshad Farjami	Registration Number	41,014

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

Privacy Act Statement

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

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

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

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

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

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

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

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

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

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

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

Electronic Acknowledgement Receipt

EFS ID:	47518588
Application Number:	17867585
International Application Number:	
Confirmation Number:	5955
Title of Invention:	Security Techniques for Device Assisted Services
First Named Inventor/Applicant Name:	Gregory G. Raleigh
Customer Number:	106963
Filer:	Michael Farjami/Evan Gunderman
Filer Authorized By:	Michael Farjami
Attorney Docket Number:	RALEP025C1C1C1C1C1
Receipt Date:	10-FEB-2023
Filing Date:	18-JUL-2022
Time Stamp:	19:34:53
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Information Disclosure Statement (IDS) Form (SB08)	RALEP025C1C1C1C1C1_IDS.pdf	76638 7e3ef2b566533124e7cab6b8bc9b400441bf8679	no	4

Warnings:

Information:	
This is not an USPTO supplied IDS fillable form	
Total Files Size (in bytes):	76638

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

New Applications Under 35 U.S.C. 111
If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.
National Stage of an International Application under 35 U.S.C. 371
If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.
New International Application Filed with the USPTO as a Receiving Office
If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

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

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	RALEP025C1C1C1C1C1

U.S.PATENTS

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

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

U.S.PATENT APPLICATION PUBLICATIONS

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	20030206533	A1	2003-11-06	Charas	
	2	20050177515	A1	2005-08-11	Kalavade et al.	
	3	20070255942	A1	2007-11-01	Weller et al.	
	4	20080046965	A1	2008-02-21	Wright et al.	
	5	20080089295	A1	2008-04-17	Keeler et al.	

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

FOREIGN PATENT DOCUMENTS

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	RALEP025C1C1C1C1C1

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								
NON-PATENT LITERATURE DOCUMENTS								
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								

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	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	RALEP025C1C1C1C1C1

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	/Farshad Farjami/	Date (YYYY-MM-DD)	2023-01-16
Name/Print	Farshad Farjami	Registration Number	41,014

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

Privacy Act Statement

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

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

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

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

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

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

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

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

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

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

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

Electronic Acknowledgement Receipt

EFS ID:	47374880
Application Number:	17867585
International Application Number:	
Confirmation Number:	5955
Title of Invention:	Security Techniques for Device Assisted Services
First Named Inventor/Applicant Name:	Gregory G. Raleigh
Customer Number:	106963
Filer:	Michael Farjami/Evan Gunderman
Filer Authorized By:	Michael Farjami
Attorney Docket Number:	RALEP025C1C1C1C1C1
Receipt Date:	16-JAN-2023
Filing Date:	18-JUL-2022
Time Stamp:	13:55:09
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Information Disclosure Statement (IDS) Form (SB08)	RALEP025C1C1C1C1C1_IDS_Jan_16_23.pdf	73765 3ecdfd597288c41e708e5c75c8c1022a7d22e289	no	4

Warnings:

Information:	
This is not an USPTO supplied IDS fillable form	
Total Files Size (in bytes):	73765

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

New Applications Under 35 U.S.C. 111
If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.
National Stage of an International Application under 35 U.S.C. 371
If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.
New International Application Filed with the USPTO as a Receiving Office
If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

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

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	RALEP025C1C1C1C1C1

U.S.PATENTS						
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	8255534	B2	2012-08-28	Assadzadeh, Alireza	
	2	8255689		2012-08-28	KIM, Eun Ah et al.	
	3	8259692	B2	2012-09-04	Bajko, Gabor	
	4	8260252	B2	2012-09-04	Agarwal	
	5	8264965	B2	2012-09-11	Dolganow et al.	
	6	8265004		2012-09-11	Toutonghi, Michael J.	
	7	8266249	B2	2012-09-11	Hu	
	8	8266681		2012-09-11	Deshpande, Sumit B. et al.	

	9	8270955	B2	2012-09-18	Ramer et al.	
	10	8270972	B2	2012-09-18	Otting, Marcia J. et al.	
	11	8271025	B2	2012-09-18	Brisebois et al.	
	12	8271045		2012-09-18	Parolkar, Satish et al.	
	13	8271049		2012-09-18	SILVER, Andrew et al.	
	14	8271992	B2	2012-09-18	Chatley, Scott P. et al.	
	15	8275415	B2	2012-09-25	Huslak, Nicholas S.	
	16	8275830	B2	2012-09-25	Raleigh	
	17	8279067		2012-10-02	BERGER, Thomas R. et al.	
	18	8279864		2012-10-02	Wood, Daniel M.	
	19	8280354		2012-10-02	Smith, Christopher et al.	

	20	8284740		2012-10-09	O'CONNOR, Dennis M.	
	21	8285249	B2	2012-10-09	Baker, Matthew Donald et al.	
	22	8285992	B2	2012-10-09	Mathur et al.	
	23	8290820	B2	2012-10-16	Plastina et al.	
	24	8291238		2012-10-16	GINTER, Karl L. et al.	
	25	8291439	B2	2012-10-16	Jethi et al.	
	26	8296404		2012-10-23	McDysan, Dave et al.	
	27	8300575	B2	2012-10-30	Willars, Per	
	28	8306518		2012-11-06	GAILLOUX, Michael A.	
	29	8306741	B2	2012-11-06	Tu, Ihung	
	30	8307067	B2	2012-11-06	Ryan, Nicholas M.	

	31	8310943	B2	2012-11-13	Mehta et al.	
	32	8315198	B2	2012-11-20	Corneille et al.	
	33	8315593	B2	2012-11-20	Gallant et al.	
	34	8315594		2012-11-20	Mauser, Edward Ronald et al.	
	35	8315718		2012-11-20	Caffrey, Paul Oliver et al.	
	36	8315999	B2	2012-11-20	Chatley, Scott P. et al.	
	37	8320244	B2	2012-11-27	Muqattash et al.	
	38	8320949		2012-11-27	Matta, Sudheer Poorna Chandra	
	39	8325638		2012-12-04	Jin, Haipeng et al.	
	40	8325906	B2	2012-12-04	Fullarton et al.	
	41	8326319	B2	2012-12-04	Davis, Richard W.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	RALEP025C1C1C1C1C1

	42	8326828	B2	2012-12-04	Zhou et al.	
	43	8331223	B2	2012-12-11	Hill et al.	
	44	8331293		2012-12-11	Sood, Kapil	
	45	8332375		2012-12-11	Chatley, Scott P. et al.	
	46	8339991	B2	2012-12-25	Biswas et al.	
	47	8340625	B1	2012-12-25	Johnson et al.	
	48	8340628	B2	2012-12-25	Taylor et al.	
	49	8340678	B1	2012-12-25	Pandey, Vinod	
	50	8340718		2012-12-25	Colonna, Massimo et al.	
	51	8346210	B2	2013-01-01	Balsan et al.	
	52	8346225	B2	2013-01-01	Raleigh	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	RALEP025C1C1C1C1C1

	53	8346923	B2	2013-01-01	Rowles et al.	
	54	8347104	B2	2013-01-01	Pathiyal, Krishna K.	
	55	8347362		2013-01-01	Cai, Yigang et al.	
	56	8347378	B2	2013-01-01	Merkin et al.	
	57	8350700		2013-01-08	Fast, Raymond D. et al.	
	58	8351592	B2	2013-01-08	Freeny Jr et al.	
	59	8351898	B2	2013-01-08	Raleigh	
	60	8352360	B2	2013-01-08	De Judicibus et al.	
	61	8352980		2013-01-08	Howcroft, Jerald Robert	
	62	8353001		2013-01-08	Herrod, Allan	
	63	8355570	B2	2013-01-15	Karsanbhai et al.	

	64	8355696	B1	2013-01-15	Olding et al.	
	65	8356336	B2	2013-01-15	Johnston, Keith et al.	
	66	8358638	B2	2013-01-22	Scherzer, Tamir et al.	
	67	8358975	B2	2013-01-22	Bahl et al.	
	68	8363658		2013-01-29	Delker, Jason R. et al.	
	69	8363799	B2	2013-01-29	Gruchala et al.	
	70	8364089		2013-01-29	PHILLIPS, Derek	
	71	8364806		2013-01-29	Short, Joel E. et al.	
	72	8369274	B2	2013-02-05	Sawai, Ryo	
	73	8370477		2013-02-05	Short, Joel E. et al.	
	74	8370483	B	2013-02-05	Choong Jason et al.	

	75	8374090		2013-02-12	Morrill, Robert J. et al.	
	76	8374592		2013-02-12	Proctor, Jr. James A. et al.	
	77	8375128	B2	2013-02-12	Tofighbakhsh et al.	
	78	8375136	B2	2013-02-12	Roman et al.	
	79	8380247	B2	2013-02-19	Engstrom	
	80	8385199	B1	2013-02-26	Coward et al.	
	81	8385896		2013-02-26	Proctor Jr., James A. et al.	
	82	8385964	B2	2013-02-26	Haney, Richard D.	
	83	8385975	B2	2013-02-26	Forutanpour et al.	
	84	8386386		2013-02-26	Zhu, Kevin	
	85	8391262	B2	2013-03-05	Maki et al.	

	86	8391834	B2	2013-03-05	Raleigh	
	87	8392982	B2	2013-03-05	Harris et al.	
	88	8396458	B	2013-03-12	Raleigh, Gregory G.	
	89	8396929		2013-03-12	Helfman, Nadav et al.	
	90	8401968	B1	2013-03-19	Schattauer et al.	
	91	8402165	B2	2013-03-19	Deu-Ngoc et al.	
	92	8402540		2013-03-19	Kapoor, Harsh et al.	
	93	8406427		2013-03-26	Chand, Naresh et al.	
	94	8406736	B2	2013-03-26	Das et al.	
	95	8407763	B2	2013-03-26	Weller et al.	
	96	8411587		2013-04-02	Curtis, William et al.	

	97	8411691	B2	2013-04-02	Aggarwal	
	98	8412798	B1	2013-04-02	Wang, Frank C.	
	99	8413245	B2	2013-04-02	Kraemer et al.	
	100	8418168	B2	2013-04-09	Tyhurst et al.	
	101	8422988		2013-04-16	KESHAV, Srinivasan	
	102	8423016		2013-04-16	BUCKLEY, Adrian et al.	
	103	8429403		2013-04-23	Moret, Eric et al.	
	104	8437734		2013-05-07	Ray, Amar N. et al.	
	105	8442015	B2	2013-05-14	Behzad et al.	
	106	8446831	B2	2013-05-21	Kwan et al.	
	107	8447324		2013-05-21	Shuman, Mohammed Ataur et al.	

	108	8447607	B2	2013-05-21	Weider, Chris et al.	
	109	8447980		2013-05-21	Godfrey, James A. et al.	
	110	8448015	B2	2013-05-21	Gerhart, David	
	111	8452858	B2	2013-05-28	Wu et al.	
	112	8457603	B2	2013-06-04	EL-KADRI et al.	
	113	8461958	B2	2013-06-11	Saenz et al.	
	114	8463194	B2	2013-06-11	Erlenback et al.	
	115	8463232	B2	2013-06-11	Tuli et al.	
	116	8468337	B2	2013-06-18	Gaur, Santosh P. et al.	
	117	8472371		2013-06-25	Bari, Farooq et al.	
	118	8477778		2013-07-02	Lehmann Jr., L. Curtis et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	RALEP025C1C1C1C1C1

	119	8478840	B2	2013-07-02	Skutela et al.	
	120	8483057	B2	2013-07-09	Cuervo	
	121	8483135		2013-07-09	Cai, Yigang et al.	
	122	8483694	B2	2013-07-09	Lewis et al.	
	123	8484327	B2	2013-07-09	Werner et al.	
	124	8488597	B2	2013-07-16	Nie et al.	
	125	8489110	B2	2013-07-16	Frank et al.	
	126	8489720	B1	2013-07-16	Morford, Michael et al.	
	127	8494559	B1	2013-07-23	Malmi	
	128	8495181	B2	2013-07-23	Venkatraman et al.	
	129	8495207	B2	2013-07-23	Lee	

	130	8495227		2013-07-23	Kaminsky, David L. et al.	
	131	8495360		2013-07-23	Falk, Rainer et al.	
	132	8495700	B2	2013-07-23	Shahbazi	
	133	8495743	B2	2013-07-23	Kraemer et al.	
	134	8499087	B2	2013-07-30	Hu, Qingmin	
	135	8500533	B2	2013-08-06	Lutnick et al.	
	136	8503358	B2	2013-08-06	Hanson et al.	
	137	8503455	B2	2013-08-06	Heikens, Heico	
	138	8504032	B2	2013-08-06	Lott et al.	
	139	8504574	B2	2013-08-06	Dvorak et al.	
	140	8504687	B2	2013-08-06	Maffione et al.	

	141	8504690	B2	2013-08-06	Shah et al.	
	142	8504729		2013-08-06	Pezzutti, David A.	
	143	8505073	B2	2013-08-06	Taglienti et al.	
	144	8509082	B2	2013-08-13	Heinz, John M. et al.	
	145	8514927	B2	2013-08-20	Sundararajan et al.	
	146	8516552	B2	2013-08-20	Raleigh	
	147	8520589		2013-08-27	Bhatt, Yogesh et al.	
	148	8520595	B2	2013-08-27	Yadav et al.	
	149	8521110		2013-08-27	Rofougaran, Ahmadreza	
	150	8521775	B1	2013-08-27	Poh et al.	
	151	8522039	B2	2013-08-27	Hyndman et al.	

	152	8522249	B2	2013-08-27	Beaule, Stephane	
	153	8522337	B2	2013-08-27	Adusumilli et al.	
	154	8523547	B2	2013-09-03	Pekrul, Merton W.	
	155	8526329	B2	2013-09-03	Mahany, Ronald L. et al.	
	156	8526350	B2	2013-09-03	Xue, Qi et al.	
	157	8527013	B2	2013-09-03	Guba et al.	
	158	8527410	B2	2013-09-03	Markki et al.	
	159	8527662	B2	2013-09-03	Biswas et al.	
	160	8528068	B1	2013-09-03	Weglein et al.	
	161	8531954	B2	2013-09-10	McNaughton et al.	
	162	8531995	B2	2013-09-10	Khan et al.	

	163	8532610	B2	2013-09-10	Manning Cassett et al.	
	164	8533775	B2	2013-09-10	Alcorn et al.	
	165	8535160	B2	2013-09-17	Lutnick et al.	
	166	8538394	B2	2013-09-17	Zimmerman et al.	
	167	8538421	B2	2013-09-17	Brisebois et al.	
	168	8538458	B2	2013-09-17	Haney, Richard D.	
	169	8539544	B2	2013-09-17	Garimella et al.	
	170	8543265	B2	2013-09-24	Ekhaguere et al.	
	171	8543814	B2	2013-09-24	Laitinen et al.	
	172	8544105	B2	2013-09-24	Mclean et al.	
	173	8548427	B2	2013-10-01	Chow et al.	

	174	8549173	B1	2013-10-01	Wu et al.	
	175	8554876	B2	2013-10-08	Winsor, Gerald W.	
	176	8559369	B2	2013-10-15	Barkan	
	177	8561138	B2	2013-10-15	Rothman, Michael M. et al.	
	178	8565746	B2	2013-10-22	Hoffman, George E.	
	179	8566236	B2	2013-10-22	Busch, James David	
	180	8571474	B2	2013-10-29	Chavez et al.	
	181	8571501	B2	2013-10-29	Miller et al.	
	182	8571598	B2	2013-10-29	Valavi, John J.	
	183	8571993	B2	2013-10-29	Kocher et al.	
	184	8572117	B2	2013-10-29	Rappaport, Theodore S.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	RALEP025C1C1C1C1C1

	185	8572256	B2	2013-10-29	Babbar, Uppinder Singh	
	186	8583499		2013-11-12	De Judicibus, Dario et al.	
	187	8588240	B2	2013-11-19	Ramankutty et al.	
	188	8589955	B2	2013-11-19	Roundtree et al.	
	189	8594665	B2	2013-11-26	Anschutz, Thomas	
	190	8595186	B1	2013-11-26	Mandyam et al.	
	191	8600895	B2	2013-12-03	Felsher, David Paul	
	192	8601125	B2	2013-12-03	Huang et al.	
	193	8605691	B2	2013-12-10	Soomro et al.	
	194	8615507	B2	2013-12-24	VARADARAJULU et al.	
	195	8619735	B2	2013-12-31	Montemurro et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	RALEP025C1C1C1C1C1

	196	8620257	B2	2013-12-31	Qiu et al.	
	197	8630630	B2	2014-01-14	Raleigh	
	198	8630925	B2	2014-01-14	Bystrom et al.	
	199	8631428	B2	2014-01-14	Scott et al.	
	200	8634425	B2	2014-01-21	Gorti et al.	
	201	8635164	B2	2014-01-21	Rosenhaft et al.	
	202	8639215	B2	2014-01-28	McGregor et al.	
	203	8644702	B1	2014-02-04	Kalajan, Kevin E.	
	204	8644813	B1	2014-02-04	Gailloux et al.	
	205	8645518	B	2014-02-04	David, Scott L.	
	206	8655357	B1	2014-02-18	Gazzard et al.	

	207	8656472	B2	2014-02-18	McMurtry et al.	
	208	8660853	B2	2014-02-25	Robb et al.	
	209	8666395	B2	2014-03-04	Silver, Andrew	
	210	8667542	B1	2014-03-04	Bertz et al.	
	211	8670334	B	2014-03-11	Keohane et al.	
	212	8675852	B2	2014-03-18	Maes, Stephane H.	
	213	8676682	B2	2014-03-18	Kalliola, Janne	
	214	8676925	B	2014-03-18	Liu et al.	
	215	8693323		2014-04-08	McDysan, David E.	
	216	8694772	B2	2014-04-08	Kao et al.	
	217	8700729	B2	2014-04-15	Dua, Robin	

	218	8701015	B2	2014-04-15	Bonnat, Pierre	
	219	8705361	B2	2014-04-22	Venkataraman et al.	
	220	8706863		2014-04-22	Fadell, Anthony	
	221	8713535	B2	2014-04-29	Malhotra et al.	
	222	8713641	B1	2014-04-29	Pagan et al.	
	223	8719397	B2	2014-05-06	Levi et al.	
	224	8719423	B2	2014-05-06	Wyld	
	225	8724486	B2	2014-05-13	Seto et al.	
	226	8725899	B	2014-05-13	Short et al.	
	227	8730842	B2	2014-05-20	Collins et al.	
	228	8731519	B2	2014-05-20	Flynn et al.	

	229	8732808	B2	2014-05-20	Sewall et al.	
	230	8739035	B2	2014-05-27	Trethewey, Jim	
	231	8744339	B2	2014-06-03	Halfmann et al.	
	232	8761711	B2	2014-06-24	Grignani et al.	
	233	8780857	B2	2014-07-15	Balasubramanian et al.	
	234	8787249	B2	2014-07-22	Giaretta et al.	
	235	8792857	B2	2014-07-29	Cai et al.	
	236	8793304	B2	2014-07-29	Lu et al.	
	237	8798610	B2	2014-08-05	Prakash et al.	
	238	8799440	B2	2014-08-05	Zhou et al.	
	239	8804695	B2	2014-08-12	Branam	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	RALEP025C1C1C1C1C1

	240	8811338	B2	2014-08-19	Jin et al.	
	241	8811991	B2	2014-08-19	Jain et al.	
	242	8818394	B2	2014-08-26	Bienas et al.	
	243	8819253	B2	2014-08-26	Simeloff et al.	
	244	8825109	B2	2014-09-02	Montemurro et al.	
	245	8826411	B2	2014-09-02	Moen et al.	
	246	8831561	B2	2014-09-09	Sutaria et al.	
	247	8838752	B2	2014-09-16	Lor et al.	
	248	8843849	B2	2014-09-23	Neil et al.	
	249	8845415	B2	2014-09-30	Lutnick et al.	
	250	8849297	B2	2014-09-30	Balasubramanian	

	251	8855620	B2	2014-10-07	Sievers et al.	
	252	8862751	B2	2014-10-14	Faccin et al.	
	253	8863111	B2	2014-10-14	Selitser et al.	
	254	8875042	B2	2014-10-28	LeJeune et al.	
	255	8880047	B2	2014-11-04	Konicek et al.	
	256	8891483	B2	2014-11-18	Connelly et al.	
	257	8898748	B2	2014-11-25	Burks et al.	
	258	8908516	B2	2014-12-09	Tzamaloukas et al.	
	259	8929374	B2	2015-01-06	Tönsing et al.	
	260	8930238	B2	2015-01-06	Coffman et al.	
	261	8930551	B2	2015-01-06	Pandya et al.	

	262	8943551	B2	2015-01-27	Ganapathy et al.	
	263	8948726	B2	2015-02-03	Smith et al.	
	264	8949382	B2	2015-02-03	Cornett et al.	
	265	8949597	B1	2015-02-03	Reeves et al.	
	266	8955038	B2	2015-02-10	Nicodemus et al.	
	267	8966018	B2	2015-02-24	Bugwadia et al.	
	268	8971912	B2	2015-03-03	Chou et al.	
	269	8977284	B2	2015-03-10	Reed, Mark J.	
	270	8995952	B1	2015-03-31	Baker et al.	
	271	9002342	B2	2015-04-07	Tenhunen et al.	
	272	9014973	B2	2015-04-21	Ruckart, John	

	273	9015331	B2	2015-04-21	Lai et al.	
	274	9026100	B2	2015-05-05	Castro et al.	
	275	9030934	B2	2015-05-12	Shah et al.	
	276	9049010		2015-06-02	Jueneman et al.	
	277	9064275	B1	2015-06-23	Lu et al.	
	278	9105031	B2	2015-08-11	Shen et al.	
	279	9111088	B2	2015-08-18	Ghai et al.	
	280	9137286	B1	2015-09-15	Yuan	
	281	9172553	B2	2015-10-27	Dawes et al.	
	282	9177455	B2	2015-11-03	Remer, David M.	
	283	9204282	B2	2015-12-01	Raleigh	

	284	9282460	B2	2016-03-08	Souissi, Slim Salah	
	285	9286469	B2	2016-03-15	Kraemer et al.	
	286	9286604	B2	2016-03-15	Aabye et al.	
	287	9313708	B2	2016-04-12	Nam et al.	
	288	9325737	B2	2016-04-26	Gutowski et al.	
	289	9326173	B2	2016-04-26	Luft, Achim	
	290	9344557	B2	2016-05-17	Gruchala et al.	
	291	9363285	B2	2016-06-07	Kitamura	
	292	9367680	B2	2016-06-14	Mahaffey et al.	
	293	9413546	B2	2016-08-09	Meier et al.	
	294	9418381	B2	2016-08-16	Ahuja et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	RALEP025C1C1C1C1C1

	295	9459767	B2	2016-10-04	Cockcroft et al.	
	296	9501803	B2	2016-11-22	Bilac et al.	
	297	9544397	B2	2017-01-10	Raleigh et al.	
	298	9589117	B2	2017-03-07	Ali et al.	
	299	9609459	B2	2017-03-28	Raleigh, Gregory G.	
	300	9712476	B2	2017-07-18	Boynton et al.	

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

U.S.PATENT APPLICATION PUBLICATIONS

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					

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

FOREIGN PATENT DOCUMENTS

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]

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	RALEP025C1C1C1C1C1

	1							☐

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

NON-PATENT LITERATURE DOCUMENTS

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

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	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	RALEP025C1C1C1C1C1

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	/Farshad Farjami/	Date (YYYY-MM-DD)	2023-01-09
Name/Print	Farshad Farjami	Registration Number	41,014

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

Privacy Act Statement

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

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

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

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

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

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

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

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

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

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

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

Electronic Acknowledgement Receipt

EFS ID:	47342334
Application Number:	17867585
International Application Number:	
Confirmation Number:	5955
Title of Invention:	Security Techniques for Device Assisted Services
First Named Inventor/Applicant Name:	Gregory G. Raleigh
Customer Number:	106963
Filer:	Michael Farjami/Evan Gunderman
Filer Authorized By:	Michael Farjami
Attorney Docket Number:	RALEP025C1C1C1C1C1
Receipt Date:	09-JAN-2023
Filing Date:	18-JUL-2022
Time Stamp:	18:24:42
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Information Disclosure Statement (IDS) Form (SB08)	P025C1C1C1C1C1_IDS5_Jan_9_23.pdf	177361 550e8984f46152a35bdf0a0faee7dbf0ecd931ff	no	31

Warnings:

Information:	
This is not an USPTO supplied IDS fillable form	
Total Files Size (in bytes):	177361

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

New Applications Under 35 U.S.C. 111
If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.
National Stage of an International Application under 35 U.S.C. 371
If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.
New International Application Filed with the USPTO as a Receiving Office
If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

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

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	RALEP025C1C1C1C1C1

U.S.PATENTS

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	9942796	B2	2018-04-10	Raleigh	
	2	9986413	B2	2018-05-29	Raleigh	
	3	RE44412		2013-08-06	Naqvi et al.	

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

U.S.PATENT APPLICATION PUBLICATIONS

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					

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

FOREIGN PATENT DOCUMENTS

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

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	RALEP025C1C1C1C1C1

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

NON-PATENT LITERATURE DOCUMENTS

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

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	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	RALEP025C1C1C1C1C1

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	/Farshad Farjami/	Date (YYYY-MM-DD)	2023-01-09
Name/Print	Farshad Farjami	Registration Number	41,014

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

Privacy Act Statement

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

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

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

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

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

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

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

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

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

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

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

Electronic Acknowledgement Receipt

EFS ID:	47342344
Application Number:	17867585
International Application Number:	
Confirmation Number:	5955
Title of Invention:	Security Techniques for Device Assisted Services
First Named Inventor/Applicant Name:	Gregory G. Raleigh
Customer Number:	106963
Filer:	Michael Farjami/Evan Gunderman
Filer Authorized By:	Michael Farjami
Attorney Docket Number:	RALEP025C1C1C1C1C1
Receipt Date:	09-JAN-2023
Filing Date:	18-JUL-2022
Time Stamp:	18:26:13
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Information Disclosure Statement (IDS) Form (SB08)	P025C1C1C1C1C1_IDS6_Jan_9_23.pdf	73235 3c077057ac61baaa9ceaa9391bd3096d371f9c99	no	4

Warnings:

Information:	
This is not an USPTO supplied IDS fillable form	
Total Files Size (in bytes):	73235

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

New Applications Under 35 U.S.C. 111
If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.
National Stage of an International Application under 35 U.S.C. 371
If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.
New International Application Filed with the USPTO as a Receiving Office
If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

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

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	RALEP025C1C1C1C1C1

U.S.PATENTS						
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	7756757	B1	2010-07-13	Oakes III, Charles Lee	
	2	7760137	B2	2010-07-20	Martucci et al.	
	3	7760711	B1	2010-07-20	Kung et al.	
	4	7760861		2010-07-20	Croak, Marian et al.	
	5	7765294	B2	2010-07-27	Edwards et al.	
	6	7769397	B2	2010-08-03	Funato et al.	
	7	7770785	B2	2010-08-10	Jha et al.	
	8	7774323	B2	2010-08-10	Helfman, Nadav	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	RALEP025C1C1C1C1C1

	9	7774412	B1	2010-08-10	Schnepel, Soenke	
	10	7774456	B1	2010-08-10	Lownsbrough, Derek Leigh et al.	
	11	7778176		2010-08-17	Morford, Michael Robert	
	12	7778643		2010-08-17	Laroia, Rajiv et al.	
	13	7792257	B1	2010-09-07	Vanier et al.	
	14	7792538		2010-09-07	Kozisek, Steven E.	
	15	7792708		2010-09-07	ALVA, Jessi	
	16	7797019	B2	2010-09-14	Friedmann	
	17	7797060	B2	2010-09-14	Grgic et al.	
	18	7797204		2010-09-14	BALENT, Bruce F.	
	19	7797401		2010-09-14	STEWART et al.	

	20	7801523		2010-09-21	Kenderov, Stoyan	
	21	7801783	B2	2010-09-21	Kende et al.	
	22	7801985	B1	2010-09-21	Pitkow, Jim et al.	
	23	7802724		2010-09-28	Nohr, Steven Paul	
	24	7805140	B2	2010-09-28	Friday et al.	
	25	7805522	B2	2010-09-28	Schlüter et al.	
	26	7805606	B2	2010-09-28	Birger et al.	
	27	7809351	B1	2010-10-05	Panda et al.	
	28	7809372	B2	2010-10-05	Rajaniemi, Jaakko	
	29	7813746	B2	2010-10-12	Rajkotia, Purva R.	
	30	7817615	B1	2010-10-19	Breau et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	RALEP025C1C1C1C1C1

	31	7817983	B2	2010-10-19	Cassett et al.	
	32	7822837		2010-10-26	URBAN et al.	
	33	7822849	B2	2010-10-26	Titus	
	34	7826427	B2	2010-11-02	Sood et al.	
	35	7826607	B1	2010-11-02	De Carvalho Resende et al.	
	36	7835275	B1	2010-11-16	Swan et al.	
	37	7843831	B2	2010-11-30	Morrill et al.	
	38	7843843	B1	2010-11-30	Papp III et al.	
	39	7844034	B1	2010-11-30	Oh et al.	
	40	7844728	B2	2010-11-30	Anderson et al.	
	41	7848768		2010-12-07	OMORI et al.	

	42	7849161	B2	2010-12-07	Koch et al.	
	43	7849170	B1	2010-12-07	Hargens et al.	
	44	7849477	B2	2010-12-07	Cristofalo et al.	
	45	7853255	B2	2010-12-14	Karaoguz et al.	
	46	7853656	B2	2010-12-14	Yach et al.	
	47	7856226		2010-12-21	WONG, Ellis L. et al.	
	48	7860088	B2	2010-12-28	Lioy, Marcello	
	49	7865182		2011-01-04	Macaluso, Anthony G.	
	50	7865187	B2	2011-01-04	Ramer et al.	
	51	7868778		2011-01-11	KENWRIGHT, David Norris	
	52	7873001	B2	2011-01-18	Silver, Andrew	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	RALEP025C1C1C1C1C1

	53	7873344		2011-01-18	BOWSER, Robert et al.	
	54	7873346	B2	2011-01-18	Petersson et al.	
	55	7873540	B2	2011-01-18	Arumugam, Avin	
	56	7873705		2011-01-18	KALISH, Dan	
	57	7877090		2011-01-25	Maes, Stephane H.	
	58	7881199		2011-02-01	KRSTULICH, Zlatko	
	59	7881697	B2	2011-02-01	Baker, Matthew Donald et al.	
	60	7882029		2011-02-01	WHITE, Craig R.	
	61	7882247	B2	2011-02-01	Sturniolo et al.	
	62	7882560	B2	2011-02-01	Kraemer et al.	
	63	7886047		2011-02-08	POTLURI, Dora	

	64	7889384	B2	2011-02-15	Armentrout et al.	
	65	7890084		2011-02-15	Dudziak, Thaddeus Jude et al.	
	66	7890111		2011-02-15	Bugenhagen, Michael K.	
	67	7894431	B2	2011-02-22	Goring et al.	
	68	7899039	B2	2011-03-01	Andreasen et al.	
	69	7899438	B2	2011-03-01	Baker, Matthew Donald et al.	
	70	7903553		2011-03-08	Liu, Enhui	
	71	7907970		2011-03-15	Park, Vincent D. et al.	
	72	7908358	B1	2011-03-15	Prasad et al.	
	73	7911975		2011-03-22	DROZ, Patrick et al.	
	74	7912025		2011-03-22	Pattenden, Christopher E. S. et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	RALEP025C1C1C1C1C1

	75	7912056		2011-03-22	BRASSEM, Wayne	
	76	7920529		2011-04-05	MAHLER, Roger et al.	
	77	7921463		2011-04-05	Sood, Kapil et al.	
	78	7925740	B2	2011-04-12	Nath et al.	
	79	7925778	B1	2011-04-12	Wijnands et al.	
	80	7929959	B2	2011-04-19	DeAtley, Dallas et al.	
	81	7929960		2011-04-19	MARTIN et al.	
	82	7929973		2011-04-19	Zavalkovsky, Arthur et al.	
	83	7930327	B2	2011-04-19	Craft David et al.	
	84	7930446	B2	2011-04-19	Kesselman, Alex et al.	
	85	7930553	B2	2011-04-19	Satarasinghe et al.	

	86	7933274	B2	2011-04-26	Verma et al.	
	87	7936736	B2	2011-05-03	Proctor Jr. et al.	
	88	7937069		2011-05-03	RASSAM, Frederic	
	89	7937450	B2	2011-05-03	Janik, Craig M.	
	90	7940685	B1	2011-05-10	Breslau, Lee et al.	
	91	7940751		2011-05-10	Hansen, Christopher J.	
	92	7941184		2011-05-10	PRENDERGAST et al.	
	93	7944948		2011-05-17	Chow, Albert T. et al.	
	94	7945238	B2	2011-05-17	Baker, Matthew Donald et al.	
	95	7945240		2011-05-17	KLOCK, Jacqueline et al.	
	96	7945945		2011-05-17	Graham, Richard et al.	

	97	7948952		2011-05-24	HURTTA, Tuija et al.	
	98	7948953	B2	2011-05-24	Melkote, Keerti G. et al.	
	99	7948968		2011-05-24	Voit, Eric A. et al.	
	100	7949529		2011-05-24	WEIDER et al.	
	101	7953808		2011-05-31	SHARP et al.	
	102	7953877	B2	2011-05-31	Vemula et al.	
	103	7957020		2011-06-07	MINE, Ryuta et al.	
	104	7957381	B2	2011-06-07	Clermidy et al.	
	105	7957511		2011-06-07	DRUDIS et al.	
	106	7958029	B1	2011-06-07	Bobich et al.	
	107	7962622		2011-06-14	Friend, John et al.	

	108	7965983		2011-06-21	SWAN, Tim et al.	
	109	7966405	B2	2011-06-21	Sundaresan et al.	
	110	7969950	B2	2011-06-28	Iyer et al.	
	111	7970350		2011-06-28	SHEYNMAN, Arnold	
	112	7970426		2011-06-28	Poe, Brian R. et al.	
	113	7974624		2011-07-05	Gallagher, Michael D. et al.	
	114	7975184		2011-07-05	GOFF et al.	
	115	7978627		2011-07-12	TAYLOR, William Scott et al.	
	116	7978686	B2	2011-07-12	Goyal et al.	
	117	7979069	B2	2011-07-12	Hupp et al.	
	118	7979889	B2	2011-07-12	Gladstone et al.	

	119	7979896	B2	2011-07-12	McMurtry et al.	
	120	7984130		2011-07-19	BOGINENI et al.	
	121	7984511	B2	2011-07-19	Kocher Paul et al.	
	122	7986935		2011-07-26	D'SOUZA et al.	
	123	7987496	B2	2011-07-26	Bryce et al.	
	124	7987510	B2	2011-07-26	Kocher et al.	
	125	7990049	B2	2011-08-02	Shioya, Shunsuke	
	126	8000276	B2	2011-08-16	Scherzer, Shimon et al.	
	127	8000318		2011-08-16	Wiley, William L. et al.	
	128	8005009		2011-08-23	McKee, Neil et al.	
	129	8005459		2011-08-23	BALSILLIE, Jim	

	130	8005726	B1	2011-08-23	Bao, Yulin	
	131	8005913	B1	2011-08-23	Carlander, Carrie	
	132	8005988		2011-08-23	MAES, Stephane H.	
	133	8010080		2011-08-30	THENTHIRUPERAI et al.	
	134	8010081		2011-08-30	ROSKOWSKI, Steve	
	135	8010082	B2	2011-08-30	Sutaria et al.	
	136	8010990	B2	2011-08-30	Ferguson et al.	
	137	8015133		2011-09-06	WU et al.	
	138	8015234		2011-09-06	LUM et al.	
	139	8015249	B2	2011-09-06	Nayak et al.	
	140	8019687		2011-09-13	WANG et al.	

	141	8019820		2011-09-13	Son, Giyeong et al.	
	142	8019846	B2	2011-09-13	Roelens et al.	
	143	8019868		2011-09-13	RAO, Goutham et al.	
	144	8019886	B2	2011-09-13	Harrang, Jeffrey Paul et al.	
	145	8023425	B2	2011-09-20	Raleigh	
	146	8024397		2011-09-20	ERICKSON, Richard R. et al.	
	147	8024424	B2	2011-09-20	Freimuth et al.	
	148	8027339	B2	2011-09-27	Short, Joel E. et al.	
	149	8031601	B2	2011-10-04	Feroz et al.	
	150	8032168	B2	2011-10-04	Ikaheimo, Jorma	
	151	8032409	B1	2011-10-04	Mikurak	

	152	8032899	B2	2011-10-04	Archer, Charles J. et al.	
	153	8036387	B2	2011-10-11	Kudelski et al.	
	154	8036600		2011-10-11	Garrett, Darrin et al.	
	155	8044792	B2	2011-10-25	Orr et al.	
	156	8045973	B2	2011-10-25	Chambers, Michael D.	
	157	8046449	B2	2011-10-25	Yoshiuchi, Hideya	
	158	8050275		2011-11-01	IYER, Jayaraman R.	
	159	8050690	B2	2011-11-01	Neeraj, Chawla	
	160	8050705	B2	2011-11-01	Sicher et al.	
	161	8059530		2011-11-15	Cole, Terry L.	
	162	8060017	B2	2011-11-15	Schlicht et al.	

	163	8060463		2011-11-15	Spiegel, Joel R.	
	164	8060603	B2	2011-11-15	CAUNTER et al.	
	165	8064418	B2	2011-11-22	Maki, Lasse	
	166	8064896		2011-11-22	BELL, Kris M. et al.	
	167	8065365	B2	2011-11-22	Saxena et al.	
	168	8068824		2011-11-29	SHAN, Xueshan et al.	
	169	8068829	B2	2011-11-29	Lemond, Eric et al.	
	170	8073427	B2	2011-12-06	Koch et al.	
	171	8073721		2011-12-06	Lewis, Lundy	
	172	8078140	B2	2011-12-13	Baker, Matthew Donald et al.	
	173	8078163	B2	2011-12-13	Lemond, Eric et al.	

	174	8085808	B2	2011-12-27	Brusca et al.	
	175	8086398	B2	2011-12-27	Sanchez et al.	
	176	8086497	B1	2011-12-27	Oakes III, Charles Lee	
	177	8086791	B2	2011-12-27	Caulkins, Jason	
	178	8090359		2012-01-03	Proctor Jr., James Arthur et al.	
	179	8090361	B2	2012-01-03	Hagan, Guy R.	
	180	8090616		2012-01-03	Proctor Jr., James Arthur et al.	
	181	8091087	B2	2012-01-03	Ali et al.	
	182	8094551		2012-01-10	HUBER, Kurt Donald et al.	
	183	8095112	B2	2012-01-10	Chow, Richard et al.	
	184	8095124	B2	2012-01-10	Balia, Hinal K.	

	185	8095640	B2	2012-01-10	Guingo et al.	
	186	8095666		2012-01-10	SCHMIDT et al.	
	187	8098579		2012-01-17	Ray, Amar N. et al.	
	188	8099077		2012-01-17	CHOWDHURY et al.	
	189	8099517		2012-01-17	JIA et al.	
	190	8102814		2012-01-24	RAHMAN, Shahriar I. et al.	
	191	8103285	B2	2012-01-24	Kalhan, Amit	
	192	8104080	B2	2012-01-24	Burns et al.	
	193	8107953	B2	2012-01-31	Zimmerman et al.	
	194	8108520		2012-01-31	Ruutu, Jussi et al.	
	195	8108680	B2	2012-01-31	Murray	

	196	8112435	B2	2012-02-07	Epstein et al.	
	197	8116223		2012-02-14	TIAN, Dan et al.	
	198	8116749		2012-02-14	Proctor Jr., James Arthur et al.	
	199	8116781	B2	2012-02-14	Chen, Xixian et al.	
	200	8122128		2012-02-21	Burke, II, Robert M. et al.	
	201	8122249		2012-02-21	Falk, Rainer et al.	
	202	8125897	B2	2012-02-28	Ray et al.	
	203	8126123		2012-02-28	Cai, Yigang et al.	
	204	8126396	B2	2012-02-28	Bennett, James D.	
	205	8126476	B2	2012-02-28	Vardi, Yosef et al.	
	206	8126722		2010-02-28	ROBB, Terence Alan et al.	

	207	8130793	B2	2012-03-06	Edwards, Stephen K. et al.	
	208	8131256		2012-03-06	MARTTI, Jyrki et al.	
	209	8131281	B1	2012-03-06	Hildner et al.	
	210	8131840	B1	2012-03-06	Denker, Richard E.	
	211	8131858	B2	2012-03-06	Agulnik et al.	
	212	8132256	B2	2012-03-06	Bari, Farooq	
	213	8134954	B2	2012-03-13	Godfrey, James A. et al.	
	214	8135388		2012-03-13	Gailloux, Michael A. et al.	
	215	8135392		2012-03-13	MARCELLINO et al.	
	216	8135657		2012-03-13	Kapoor, Harsh et al.	
	217	8140690	B2	2012-03-20	Ly et al.	

	218	8144591		2012-03-27	GHAI et al.	
	219	8145194	B2	2012-03-27	Yoshikawa et al.	
	220	8146142	B2	2012-03-27	Lortz et al.	
	221	8149748	B2	2012-04-03	Bata et al.	
	222	8149823		2012-04-03	Turcan, Diane Brown et al.	
	223	8150394	B2	2012-04-03	Bianconi et al.	
	224	8150431		2012-04-03	Wolovitz, Lionel et al.	
	225	8151205	B2	2012-04-03	Follmann et al.	
	226	8155155		2012-04-10	Chow, Albert T. et al.	
	227	8155620		2012-04-10	Wang, Jun et al.	
	228	8155666	B2	2012-04-10	Alizadeh-Shabdiz, Farshid	

	229	8155670		2012-04-10	Fullam, Scott et al.	
	230	8156206		2012-04-10	KILEY, Kevin J. et al.	
	231	8159520	B1	2012-04-17	Dhanoa et al.	
	232	8160015		2012-04-17	RASHID, Mohammed H. et al.	
	233	8160056	B2	2012-04-17	Van der Merwe et al.	
	234	8160598	B2	2012-04-17	Savoor, Raghvendra	
	235	8165576		2012-04-24	Raju, Vishwanath et al.	
	236	8166040	B2	2012-04-24	Brindisi, Richard G. et al.	
	237	8166554	B2	2012-04-24	John, Pramod	
	238	8170553		2012-05-01	BENNETT, James D.	
	239	8174378	B2	2012-05-08	Richman et al.	

	240	8174970	B2	2012-05-12	Adamczyk, Maria et al.	
	241	8175574	B1	2012-05-08	Panda et al.	
	242	8180333	B1	2012-05-15	Wells et al.	
	243	8180881	B2	2012-05-15	Seo et al.	
	244	8180886	B2	2012-05-15	Overcash et al.	
	245	8184530		2012-05-22	SWAN, Tim L. et al.	
	246	8184590		2012-05-22	Rosenblatt, Ariel	
	247	8185088	B2	2012-05-22	Klein et al.	
	248	8185093		2012-05-22	Jheng, Yu-Syuan et al.	
	249	8185127	B1	2012-05-22	Cai et al.	
	250	8185152		2012-05-22	GOLDNER, Alla	

	251	8185158		2012-05-22	Tamura, Motoshi et al.	
	252	8190087	B2	2012-05-29	Fisher et al.	
	253	8190122	B1	2012-05-29	Alexander et al.	
	254	8190675		2012-05-29	TRIBBETT, David	
	255	8191106	B2	2012-05-29	Choyi et al.	
	256	8191116		2012-05-29	Gazzard, Daryl	
	257	8191124	B2	2012-05-29	Wynn et al.	
	258	8194549	B2	2012-06-05	Huber et al.	
	259	8194553		2012-06-05	LIANG, Zhi Yong et al.	
	260	8194572	B2	2012-06-05	Horvath et al.	
	261	8194581	B1	2012-06-05	Schroeder et al.	

	262	8195093	B2	2012-06-05	Garrett et al.	
	263	8195153	B1	2012-06-05	Frencel et al.	
	264	8195163	B2	2012-06-05	Gisby, Doug et al.	
	265	8195661	B2	2012-06-05	Kalavade, Asawaree	
	266	8196199	B2	2012-06-05	Hrastar et al.	
	267	8200163	B2	2012-06-12	Hoffman, George E.	
	268	8200200	B1	2012-06-12	Belser et al.	
	269	8200509	B2	2012-06-12	Kenedy, Andrew Alexander et al.	
	270	8200775		2012-06-12	MOORE, James F.	
	271	8200818	B2	2012-06-12	Freund et al.	
	272	8204190	B2	2012-06-19	Bang et al.	

	273	8204505	B2	2012-06-19	Jin et al.	
	274	8208788	B2	2012-06-26	Ando et al.	
	275	8208919		2012-06-26	KOTECHA, Lalit Ratilal	
	276	8213296		2012-07-03	SHANNON, Frank M. et al.	
	277	8213363		2012-07-03	Ying, Wen-Ping et al.	
	278	8214536		2012-07-03	ZHAO, Wen	
	279	8214890	B2	2012-07-03	Kirovski et al.	
	280	8219134	B2	2012-07-10	Maharajh et al.	
	281	8223655	B2	2012-07-17	Heinz et al.	
	282	8223741	B	2012-07-17	Bartlett et al.	
	283	8224382		2012-07-17	Bultman, Michael J.	

	284	8224773		2012-07-17	Spiegel, Joel R.	
	285	8228818	B2	2012-07-24	Chase et al.	
	286	8229394	B2	2012-07-24	Karlberg, Johan	
	287	8229914	B2	2012-07-24	Ramer et al.	
	288	8233433	B2	2012-07-31	Kalhan, Amit	
	289	8233883		2012-07-31	De Froment, Eric	
	290	8233895		2012-07-31	Tysowski, Piotr Konrad	
	291	8234583	B2	2012-07-31	Sloo et al.	
	292	8238287		2012-08-07	Gopi, Paramesh et al.	
	293	8238913	B1	2012-08-07	Bhattacharyya et al.	
	294	8239520		2012-08-07	GRAH, Adrian	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	RALEP025C1C1C1C1C1

	295	8242959	B2	2012-08-14	Mia, Rashidus S. et al.	
	296	8244241		2012-08-14	Montemurro, Michael	
	297	8249601	B2	2012-08-21	Emberson et al.	
	298	8254880	B2	2012-08-28	Aaltonen et al.	
	299	8254915		2012-08-28	Kozisek, Steven E.	
	300	8255515		2012-08-28	MELMAN, David et al.	

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

U.S.PATENT APPLICATION PUBLICATIONS

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					

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

FOREIGN PATENT DOCUMENTS

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]

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	RALEP025C1C1C1C1C1

	1							☐

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

NON-PATENT LITERATURE DOCUMENTS

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

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	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	RALEP025C1C1C1C1C1

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	/Farshad Farjami/	Date (YYYY-MM-DD)	2023-01-09
Name/Print	Farshad Farjami	Registration Number	41,014

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

Privacy Act Statement

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

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

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

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

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

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

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

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

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

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

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

Electronic Acknowledgement Receipt

EFS ID:	47342319
Application Number:	17867585
International Application Number:	
Confirmation Number:	5955
Title of Invention:	Security Techniques for Device Assisted Services
First Named Inventor/Applicant Name:	Gregory G. Raleigh
Customer Number:	106963
Filer:	Michael Farjami/Evan Gunderman
Filer Authorized By:	Michael Farjami
Attorney Docket Number:	RALEP025C1C1C1C1C1
Receipt Date:	09-JAN-2023
Filing Date:	18-JUL-2022
Time Stamp:	18:22:51
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Information Disclosure Statement (IDS) Form (SB08)	P025C1C1C1C1C1_IDS4_Jan_9_23.pdf	176354 ffb220b7df8a9a694af738637fac38c3d399f42c	no	31

Warnings:

Information:	
This is not an USPTO supplied IDS fillable form	
Total Files Size (in bytes):	176354

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

New Applications Under 35 U.S.C. 111
If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.
National Stage of an International Application under 35 U.S.C. 371
If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.
New International Application Filed with the USPTO as a Receiving Office
If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

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

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	P025C1C1C1C1C1

U.S.PATENTS						
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	6754470		2004-06-22	Hendrickson, Keith et al.	
	2	6757717	B1	2004-06-29	Goldstein, Leonid	
	3	6760417	B1	2004-07-06	Wallenius, Jukka	
	4	6763000		2004-07-13	WALSH, Peter J.	
	5	6763226	B1	2004-07-13	McZeal Jr., Alfred	
	6	6765864		2004-07-20	NATARAJAN et al.	
	7	6765925		2004-07-20	Sawyer, Wilson et al.	
	8	6782412		2004-08-24	BROPHY, Kevin et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	P025C1C1C1C1C1

	9	6785889		2004-08-31	WILLIAMS, Peter	
	10	6792461	B1	2004-09-14	Hericourt, Olivier	
	11	6829596		2004-12-07	FRAZEE, Steve	
	12	6829696		2004-12-07	BALMER et al.	
	13	6839340		2005-01-04	Voit, Eric A. et al.	
	14	6842628	B1	2005-01-11	Arnold et al.	
	15	6873988	B2	2005-03-29	Herrmann et al.	
	16	6876653		2005-04-05	AMBE, Shekhar et al.	
	17	6879825	B1	2005-04-12	Daly, Brian Kevin	
	18	6882718	B1	2005-04-19	Smith, Benjamin V.	
	19	6885997	B1	2005-04-26	Roberts, David T.	

	20	6901440	B1	2005-05-31	Bimm et al.	
	21	6920455		2005-07-19	WESCHLER, Paul	
	22	6922562		2005-07-26	Ward, Stephen L. et al.	
	23	6928280		2005-08-09	Xanthos, James et al.	
	24	6934249	B1	2005-08-23	Bertin, Olivier et al.	
	25	6934751	B2	2005-08-23	Jayapalan et al.	
	26	6947723		2005-09-20	Gurnani, Roger et al.	
	27	6947985	B2	2005-09-20	Hegli et al.	
	28	6952428		2005-10-04	NECKA et al.	
	29	6957067		2005-10-18	Iyer, Pradeep J. et al.	
	30	6959202	B2	2005-10-25	Heinonen et al.	

	31	6959393	B2	2005-10-25	Hollis et al.	
	32	6965667		2005-11-15	TRABANDT et al.	
	33	6965872		2005-11-15	Grdina, Jerome M.	
	34	6967958		2005-11-22	ONO, Yoshiyuki et al.	
	35	6970692	B2	2005-11-29	Tysor, Arthur James	
	36	6970927	B1	2005-11-29	Stewart et al.	
	37	6982733	B1	2006-01-03	McNally et al.	
	38	6983370	B2	2006-01-03	Eaton et al.	
	39	6996062	B1	2006-02-07	Freed et al.	
	40	6996076		2006-02-07	FORBES et al.	
	41	6996393		2006-02-07	Pyhalammi, Seppo et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	P025C1C1C1C1C1

	42	6998985		2006-02-14	REISMAN et al.	
	43	7002920		2006-02-21	Ayyagari, Deepak et al.	
	44	7007295	B1	2006-02-28	Rose et al.	
	45	7013469	B2	2006-03-14	Smith et al.	
	46	7017189	B1	2006-03-21	DeMello et al.	
	47	7024200		2006-04-04	McKENNA et al.	
	48	7024460	B2	2006-04-04	Koopmas et al.	
	49	7027055	B2	2006-04-11	Anderson et al.	
	50	7027408		2006-04-11	NABKEL et al.	
	51	7031733	B2	2006-04-18	Alminana et al.	
	52	7032072	B1	2006-04-18	Quinn et al.	

	53	7039027	B2	2006-05-02	Bridgelall, Raj	
	54	7039037		2006-05-02	Wang, Jiwei R. et al.	
	55	7039403		2006-05-02	Wong, Gregory A.	
	56	7039713	B1	2006-05-02	Van Gunter, David et al.	
	57	7042988		2006-05-09	JUITT et al.	
	58	7043225	B1	2006-05-09	Patel et al.	
	59	7043226		2006-05-09	Yamauchi, Toshiaki	
	60	7043268	B2	2006-05-09	Yukie et al.	
	61	7047276	B2	2006-05-16	Liu et al.	
	62	7058022	B1	2006-06-06	Carolan et al.	
	63	7058968		2006-06-06	ROWLAND et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	P025C1C1C1C1C1

	64	7068600		2006-06-27	CAIN, Joseph Bibb	
	65	7069248		2006-06-27	HUBER, Adriano	
	66	7082422	B1	2006-07-25	Zirngibl et al.	
	67	7084775	B1	2006-08-01	Smith, Michael R.	
	68	7092696		2006-08-15	HOSAIN et al.	
	69	7095754	B2	2006-08-22	Benveniste, Mathilde	
	70	7102620	B2	2006-09-05	Harries, Andrew Stanely Guy et al.	
	71	7110753	B2	2006-09-19	Campen, Kenneth Brian	
	72	7113780	B2	2006-09-26	Mckenna Daniel et al.	
	73	7113997		2012-09-26	Jayapalan, Jay et al.	
	74	7120133	B1	2006-10-10	Joo et al.	

	75	7133386	B2	2006-11-07	Holur et al.	
	76	7133695	B2	2006-11-07	Beyda, William J.	
	77	7136361	B2	2006-11-14	Benveniste, Mathilde	
	78	7139569	B2	2006-11-21	Kato, Akira	
	79	7142876		2006-11-28	TROSSEN et al.	
	80	7149229	B1	2006-12-12	Leung, Kent K.	
	81	7149521	B2	2006-12-12	Sundar et al.	
	82	7151764	B1	2006-12-19	Heinonen et al.	
	83	7158792		2007-01-02	COOK et al.	
	84	7162237	B1	2007-01-09	Silver et al.	
	85	7165040	B2	2007-01-16	Ehrman et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	P025C1C1C1C1C1

	86	7167078		2007-01-23	POURCHOT, Shawn C.	
	87	7174156	B1	2007-02-06	Mangal, Manish	
	88	7174174		2007-02-06	BORIS et al.	
	89	7177919	B1	2007-02-13	Truong et al.	
	90	7180855		2007-02-20	LIN , Wei	
	91	7181017		2007-02-20	Nagel, Robert H. et al.	
	92	7191248	B2	2007-03-13	Chattopadhyay et al.	
	93	7197321		2007-03-27	ERSKINE et al.	
	94	7200112	B2	2007-04-03	Sundar et al.	
	95	7200551	B1	2007-04-03	Senez	
	96	7203169	B1	2007-04-10	Okholm, Jon et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	P025C1C1C1C1C1

	97	7203721	B1	2007-04-10	Ben-Efraim et al.	
	98	7203752	B2	2007-04-10	Rice et al.	
	99	7212491		2007-05-01	Koga, Takahiro	
	100	7219123	B1	2007-05-15	Fiechter et al.	
	101	7222190	B2	2007-05-22	Klinker et al.	
	102	7222304	B2	2007-05-22	Beaton et al.	
	103	7224968	B2	2007-05-29	Dobson et al.	
	104	7228354		2007-06-05	CHAMBLISS, David Darden et al.	
	105	7236780		2007-06-26	Benco, David S.	
	106	7242668	B2	2007-07-10	Kan et al.	
	107	7242920		2007-07-10	MORRIS, Robert P.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	P025C1C1C1C1C1

	108	7245901		2007-07-17	McGREGOR et al.	
	109	7248570	B2	2007-07-24	Bahl et al.	
	110	7251218		2007-07-31	Jorgensen, Jacob W.	
	111	7260382	B1	2007-08-21	Lamb et al.	
	112	7266371	B1	2007-09-04	Amin et al.	
	113	7269157	B2	2007-09-11	Klinker et al.	
	114	7271765	B2	2007-09-18	Stilp et al.	
	115	7272660	B1	2007-09-18	Powers et al.	
	116	7280816		2007-10-09	FRATTI et al.	
	117	7280818		2007-10-09	CLAYTON, Steve	
	118	7283561		2007-10-16	Picher-Dempsey, Heidi	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	P025C1C1C1C1C1

	119	7283963		2007-10-16	FITZPATRICK, John E. et al.	
	120	7286834	B2	2007-10-23	Walter	
	121	7286848	B2	2007-10-23	Vireday, Richard P. et al.	
	122	7289489		2007-10-30	KUNG et al.	
	123	7290283		2007-10-30	COPELAND III, John A.	
	124	7310424		2007-12-18	Gehring, Stephan Walter et al.	
	125	7313237	B2	2007-12-25	Bahl, Paramvir et al.	
	126	7315892	B2	2008-01-01	Freimuth et al.	
	127	7317699		2008-01-08	GODFREY et al.	
	128	7318050	B1	2008-01-08	Musgrave	
	129	7318111	B2	2008-01-08	Zhao, Wen	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	P025C1C1C1C1C1

	130	7320029	B2	2008-01-15	Rinne et al.	
	131	7322044		2008-01-22	HRASTAR, Scott E.	
	132	7324447		2008-01-29	MORFORD, Michael Robert	
	133	7325037		2008-01-29	LAWSON, Karen L.	
	134	7336960		2008-02-26	ZAVALKOVSKY et al.	
	135	7340772	B2	2008-03-04	Panasyuk et al.	
	136	7346410		2008-03-18	UCHIYAMA, Kenji	
	137	7349695		2008-03-25	OOMMEN et al.	
	138	7353533	B2	2008-04-01	Wright et al.	
	139	7356011		2008-04-08	Waters, Christopher J.F. et al.	
	140	7356337		2008-04-08	FLORENCE, Shahar	

	141	7366497		2008-04-29	NAGATA, Hideaki	
	142	7366654	B2	2008-04-29	Moore, Robert C.	
	143	7366934	B1	2008-04-29	Narayan et al.	
	144	7369848	B2	2008-05-06	Jiang, Yue Jun	
	145	7369856	B2	2008-05-06	Ovadia, Shlomo	
	146	7373136		2008-05-13	WATLER et al.	
	147	7373179		2008-05-13	Stine, Ted et al.	
	148	7379731	B2	2008-05-27	Natsuno et al.	
	149	7388950		2008-06-17	ELSEY et al.	
	150	7389412	B2	2008-06-17	Sharma et al.	
	151	7391724	B2	2008-06-24	Alakoski et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	P025C1C1C1C1C1

	152	7395056	B2	2008-07-01	Petermann	
	153	7395244	B1	2008-07-01	Kingsford, Bryan	
	154	7401338		2008-07-15	BOWEN et al.	
	155	7403763		2008-07-22	MAES, Stephane H.	
	156	7409447	B	2008-08-05	Assadzadeh, Alireza	
	157	7409569	B2	2008-08-05	Illowsky et al.	
	158	7411930	B2	2008-08-12	Montojo et al.	
	159	7418253		2008-08-26	KAVANAH, Alan	
	160	7418257		2008-08-26	Kim, Myong-Ju	
	161	7421004		2008-09-02	FEHER, Kamilo	
	162	7423971	B1	2008-09-09	Mohaban et al.	

	163	7428750	B1	2008-09-23	Dunn et al.	
	164	7433362	B2	2008-10-07	Mallya et al.	
	165	7436816	B2	2008-10-14	Mehta et al.	
	166	7440433	B2	2008-10-21	Rink et al.	
	167	7444669	B1	2008-10-28	Bahl, Paramvir et al.	
	168	7450591		2008-11-11	KORLING et al.	
	169	7450927		2008-11-11	CRESWELL et al.	
	170	7454191	B2	2008-11-18	Dawson et al.	
	171	7457265		2008-11-25	Julka, Vibhor et al.	
	172	7457870	B1	2008-11-25	Lownsbrough et al.	
	173	7460837	B2	2008-12-02	Diener, Neil R.	

	174	7466652	B2	2008-12-16	Lau et al.	
	175	7467160	B2	2008-12-16	McIntyre	
	176	7472189		2008-12-30	Mallya, Arvind R. et al.	
	177	7478420	B2	2009-01-13	Wright, Michael et al.	
	178	7486185		2009-02-03	CULPEPPER et al.	
	179	7486658	B2	2009-02-03	Kumar, Rajneesh	
	180	7493659	B1	2009-02-17	Wu, Handong et al.	
	181	7496652		2009-02-24	Pezzutti, David	
	182	7499438		2009-03-03	Hinman, Brian L. et al.	
	183	7499537		2009-03-03	ELSEY et al.	
	184	7502672	B1	2009-03-10	Kolls, H. Brock	

	185	7505756	B2	2009-03-17	Bahl	
	186	7505795	B1	2009-03-17	Lim et al.	
	187	7508799	B2	2009-03-24	Sumner et al.	
	188	7512128	B2	2009-03-31	DiMambro et al.	
	189	7512131	B2	2009-03-31	Svensson et al.	
	190	7515608		2009-04-07	Yuan, Yuan et al.	
	191	7515926	B2	2009-04-07	Bu et al.	
	192	7516219		2009-04-07	MOGHADDAM et al.	
	193	7522549	B2	2009-04-21	Karaoguz et al.	
	194	7522576	B2	2009-04-21	Du et al.	
	195	7526541	B2	2009-04-28	Roese et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	P025C1C1C1C1C1

	196	7529204	B2	2009-05-05	Bourlas, Yair et al.	
	197	7535880		2009-05-19	Hinman, Brian L. et al.	
	198	7536695	B2	2009-05-19	Alam et al.	
	199	7539132	B2	2009-05-26	Werner et al.	
	200	7539862	B2	2009-05-26	Edgett et al.	
	201	7540408	B2	2009-06-02	Levine et al.	
	202	7545782		2009-06-09	Rayment, Stephen G. et al.	
	203	7546460		2009-06-09	Maes, Stephane H.	
	204	7546629		2009-06-09	ALBERT, Anthony et al.	
	205	7548875	B2	2009-06-16	Mikkelsen et al.	
	206	7548976	B2	2009-06-16	Bahl, Paramvir et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	P025C1C1C1C1C1

	207	7551921	B2	2009-06-23	Petermann	
	208	7551922		2009-06-23	Roskowski, Steve et al.	
	209	7554983	B1	2009-06-30	Muppala, Suresh	
	210	7555757	B2	2009-06-30	Smith et al.	
	211	7561899	B2	2009-07-14	Lee, Changseok	
	212	7562213	B1	2009-07-14	Timms, Natalie	
	213	7564799	B2	2009-07-21	Holland et al.	
	214	7565141		2009-07-21	Macaluso, Anthony G.	
	215	7574509	B2	2009-08-11	Nixon et al.	
	216	7574731		2009-08-11	FASCENDA, Anthony C.	
	217	7577431	B2	2009-08-18	Jiang, Yue Jun	

	218	7580356	B1	2009-08-25	Mishra et al.	
	219	7580857		2009-08-25	VanFLEET et al.	
	220	7583964	B2	2009-09-01	Wong, Gregory A.	
	221	7584298	B2	2009-09-01	Klinker et al.	
	222	7585217	B2	2009-09-08	Lutnick et al.	
	223	7586871	B2	2009-09-08	Hamilton et al.	
	224	7593417		2009-09-22	Wang, James et al.	
	225	7593730	B2	2009-09-22	Khandelwal, Deepak et al.	
	226	7596373	B2	2009-09-29	Mcgregor, Christopher et al.	
	227	7599288		2009-10-06	COLE, Raymond E. et al.	
	228	7599714	B2	2009-10-06	Kuzminskiy, Alexandr	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	P025C1C1C1C1C1

	229	7602746	B2	2009-10-13	Calhoun et al.	
	230	7606918	B2	2009-10-20	Holzman et al.	
	231	7607041	B2	2009-10-20	Kraemer et al.	
	232	7609650		2009-10-27	ROSKOWSKI, Steve et al.	
	233	7609700		2009-10-27	Ying, Wen-Ping et al.	
	234	7610047	B2	2009-10-27	Hicks III et al.	
	235	7610057	B2	2009-10-27	Bahl et al.	
	236	7610328		2009-10-27	HAASE et al.	
	237	7610396	B2	2009-10-27	Taglienti et al.	
	238	7614051	B	2009-11-03	Glaum et al.	
	239	7616962	B2	2009-11-10	Oswal, Anand K. et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	P025C1C1C1C1C1

	240	7617516		2009-11-10	HUSLAK et al.	
	241	7620041		2009-11-17	Dunn, Jeffrey H. et al.	
	242	7620065		2009-11-17	FALARDEAU, Eric	
	243	7620162		2009-11-17	AARON et al.	
	244	7620383	B2	2009-11-17	Taglienti et al.	
	245	7627314		2009-12-01	Carlson, Steven I. et al.	
	246	7627600	B2	2009-12-01	Citron et al.	
	247	7627767	B2	2009-12-01	Sherman et al.	
	248	7627872	B2	2009-12-01	Hebeler et al.	
	249	7633438		2009-12-15	Tysowski, Piotr Konrad	
	250	7634388		2009-12-15	Archer, Charles J. et al.	Entire Document

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	P025C1C1C1C1C1

	251	7636574		2009-12-22	Poosala, Viswanath	
	252	7636626	B2	2009-12-22	Oesterling et al.	
	253	7643411	B2	2010-01-05	Andreasen et al.	
	254	7644151		2010-01-05	JERRIM, John et al.	
	255	7644267		2010-01-05	YLIKOSKI, Martti et al.	
	256	7644414	B2	2010-01-05	Smith et al.	
	257	7647047		2010-01-12	MOGHADDAM et al.	
	258	7650137		2010-01-19	JOBS et al.	
	259	7653394	B2	2010-01-26	McMillin, Brian K.	
	260	7656271	B2	2010-02-02	Ehrman et al.	
	261	7657920	B2	2010-02-02	Arseneau et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	P025C1C1C1C1C1

	262	7660419	B1	2010-02-09	Ho, Jin-Meng	
	263	7661124	B2	2010-02-09	Ramanathan et al.	
	264	7664494	B2	2010-02-16	Jiang, Yue Jun	
	265	7668176		2010-02-23	Chuah, Mooi Choo	
	266	7668612	B	2010-02-23	Okkonen, Harri	
	267	7668903		2010-02-23	EDWARDS et al.	
	268	7668966	B2	2010-02-23	Klinker et al.	
	269	7676673	B2	2010-03-09	Weller et al.	
	270	7680086	B2	2010-03-16	Eglin	
	271	7681226	B2	2010-03-16	Kraemer et al.	
	272	7684370	B2	2010-03-23	Kezys, Vytautas Robertas	

	273	7685131		2010-03-23	Batra, Vishal Singh et al.	
	274	7685254		2010-03-23	Pandya, Ashish A.	
	275	7685530	B2	2010-03-23	Sherrard et al.	
	276	7688792	B2	2010-03-30	Babbar et al.	
	277	7693107	B2	2010-04-06	De Froment, Eric	
	278	7693720		2010-04-06	KENNEWICK et al.	
	279	7697540	B2	2010-04-13	Haddad et al.	
	280	7710932		2010-05-04	MUTHUSWAMY, Sivakumar et al.	
	281	7711848		2010-05-04	MAES, Stephane H.	
	282	7719966	B2	2010-05-18	Luft et al.	
	283	7720206	B2	2010-05-18	Devolites et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	P025C1C1C1C1C1

	284	7720464	B2	2010-05-18	Batta, Puneet	
	285	7720505		2010-05-18	GOPI et al.	
	286	7720960	B2	2010-05-18	Pruss, Richard Manfred et al.	
	287	7721296	B2	2010-05-18	Ricagni, Giuseppe	
	288	7724716	B2	2010-05-25	Fadell, Anthony M.	
	289	7725570		2010-05-25	Lewis, Lundy	
	290	7729326		2010-06-01	Sekhar, Ramesh	
	291	7730123		2010-06-01	ERICKSON, Richard R. et al.	
	292	7734784		2010-06-08	ARAUJO et al.	
	293	7742406	B1	2010-06-22	Muppala, Suresh	
	294	7746854		2010-06-29	AMBE, Shekhar et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	P025C1C1C1C1C1

	295	7747240		2010-06-29	BRISCOE et al.	
	296	7747699		2010-06-29	PRUEITT et al.	
	297	7747730		2010-06-29	HARLOW, James D.	
	298	7752330	B2	2010-07-06	Olsen et al.	
	299	7756056	B2	2010-07-13	Kim et al.	
	300	7756534		2010-07-13	Anupam, Vinod et al.	

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

U.S.PATENT APPLICATION PUBLICATIONS

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					

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

FOREIGN PATENT DOCUMENTS

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]

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	P025C1C1C1C1C1

	1							☐

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

NON-PATENT LITERATURE DOCUMENTS

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

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	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	P025C1C1C1C1C1

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	/Farshad Farjami/	Date (YYYY-MM-DD)	2023-01-09
Name/Print	Farshad Farjami	Registration Number	41,014

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

Privacy Act Statement

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

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

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

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

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

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

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

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

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

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

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

Electronic Acknowledgement Receipt

EFS ID:	47342299
Application Number:	17867585
International Application Number:	
Confirmation Number:	5955
Title of Invention:	Security Techniques for Device Assisted Services
First Named Inventor/Applicant Name:	Gregory G. Raleigh
Customer Number:	106963
Filer:	Michael Farjami/Evan Gunderman
Filer Authorized By:	Michael Farjami
Attorney Docket Number:	RALEP025C1C1C1C1C1
Receipt Date:	09-JAN-2023
Filing Date:	18-JUL-2022
Time Stamp:	18:20:21
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Information Disclosure Statement (IDS) Form (SB08)	P025C1C1C1C1C1_IDS3_Jan_9_23.pdf	176839 4bafa9b6f02a5659a51a2cd38e74e1cbc7d9a51d	no	31

Warnings:

Information:	
This is not an USPTO supplied IDS fillable form	
Total Files Size (in bytes):	176839

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

New Applications Under 35 U.S.C. 111
If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.
National Stage of an International Application under 35 U.S.C. 371
If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.
New International Application Filed with the USPTO as a Receiving Office
If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

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

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	P025C1C1C1C1C1

U.S.PATENTS						
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	5131020	A	1992-07-14	Liebesny et al.	
	2	5283904		1994-02-01	CARSON, David G. et al.	
	3	5325532	A	1994-06-28	Crosswy et al.	
	4	5572528	A	1996-11-05	Shuen, Pauline	
	5	5577100	A	1996-11-19	McGregor et al.	
	6	5594777		1997-01-14	Makkonen, Matti et al.	
	7	5617539	A	1997-04-01	Ludwig et al.	
	8	5630159	A	1997-05-13	Zancho, William F.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	P025C1C1C1C1C1

	9	5633484	A	1997-05-27	Zancho, William F. et al.	
	10	5633868	A	1997-05-27	Baldwin et al.	
	11	5754953	A	1998-05-19	Briancon et al.	
	12	5774532	A	1998-06-30	Gottlieb et al.	
	13	5794142		1998-08-11	VANTTILA et al.	
	14	5814798	A	1998-09-29	Zancho, William F.	
	15	5889477		1999-03-30	Fastenrath, Ulrich	
	16	5892900		1999-04-06	GINTER et al.	
	17	5903845		1999-05-11	BUHRMANN et al.	
	18	5915008	A	1999-06-22	Dulman, Scott	
	19	5915226	A	1999-06-22	Martineau	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	P025C1C1C1C1C1

	20	5933778		1999-08-03	BUHRMANN et al.	
	21	5940472		1999-08-17	NEWMAN et al.	
	22	5974439	A	1999-10-26	Bollella, Gregory	
	23	5983270	A	1999-11-09	Abraham et al.	
	24	6035281		2000-03-07	Crosskey, James P. et al.	
	25	6038452		2000-03-14	Strawczynski, Leo et al.	
	26	6038540	A	2000-03-14	Krist et al.	
	27	6047268		2000-04-04	BARTOLI et al.	
	28	6058434	A	2000-05-02	Wilt et al.	
	29	6061571	A	2000-05-09	Tamura, Hideo	
	30	6064878		2000-05-16	DENKER, John Stewart et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	P025C1C1C1C1C1

	31	6078953		2000-06-20	VAID et al.	
	32	6081591		2000-06-27	SKOOG, Frederick H.	
	33	6098878		2000-08-08	DENT et al.	
	34	6104700	A	2000-08-15	Haddock, Stephen R. et al.	
	35	6115823	A	2000-09-05	Velasco et al.	
	36	6119933	A	2000-09-19	Wong et al.	
	37	6125391	A	2000-09-26	Meltzer et al.	
	38	6141565	A	2000-10-31	Feuerstein et al.	
	39	6141686		2000-10-31	JACKOWSKI et al.	
	40	6148336		2000-11-14	THOMAS et al.	
	41	6154738		2000-11-28	CALL, Charles Gainor	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	P025C1C1C1C1C1

	42	6157636	A	2000-12-05	Voit et al.	
	43	6185576	B1	2001-02-06	Mcintosh, Lowrie	
	44	6198915		2001-03-06	McGREGOR et al.	
	45	6219786	B1	2001-04-17	Cunningham et al.	
	46	6226277		2001-05-01	Chuah, Mooi Choo	
	47	6246870	B1	2001-06-12	Dent et al.	
	48	6263055		2001-07-17	GARLAND et al.	
	49	6292828		2001-09-18	Williams, David L.	
	50	6317584		2001-11-13	ABU-AMARA et al.	
	51	6370139	B2	2002-04-09	Redmond	
	52	6381316		2002-04-30	JOYCE, Simon James et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	P025C1C1C1C1C1

	53	6393014	B1	2002-05-21	Daly et al.	
	54	6397259	B1	2002-05-28	Lincke et al.	
	55	6401113	B2	2002-06-04	Lazaridis et al.	
	56	6418147		2002-07-09	WIEDEMAN, Robert A.	
	57	6438575	B1	2002-08-20	Khan et al.	
	58	6445777	B1	2002-09-03	Clark, Curtis	
	59	6449479		2002-09-10	SANCHEZ, Eduardo	
	60	6466984	B1	2002-10-15	Naveh et al.	
	61	6477670		2002-11-05	Ahmadvand, Nima	
	62	6502131		2002-12-31	VAID, Aseem et al.	
	63	6505114		2003-01-07	LUCIANI, Sergio	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	P025C1C1C1C1C1

	64	6510152	B1	2003-01-21	Gerszberg et al.	
	65	6522629	B1	2003-02-18	Anderson, Sr., Ronald D.	
	66	6532235		2003-03-11	BENSON et al.	
	67	6532579		2003-03-11	SATO et al.	
	68	6535855	B1	2003-03-18	Cahill et al.	
	69	6535949	B1	2003-03-18	Parker, Kenneth W.	
	70	6539082		2003-03-25	LOWE et al.	
	71	6542500	B1	2003-04-01	Gerszberg et al.	
	72	6542992		2003-04-01	Peirce, Kenneth L. et al.	
	73	6546016	B1	2003-04-08	Gerszberg et al.	
	74	6563806		2003-05-13	YANO et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	P025C1C1C1C1C1

	75	6570974	B1	2003-05-27	Gerszberg et al.	
	76	6574321		2003-06-03	COX et al.	
	77	6574465		2003-06-03	MARSH et al.	
	78	6578076	B1	2003-06-10	Putzolu, David Matthew	
	79	6581092		2003-06-17	MOTOYAMA, Tetsuro	
	80	6591098	B1	2003-07-08	Shieh et al.	
	81	6598034	B1	2003-07-22	Kloth, Axel K.	
	82	6601040	B1	2003-07-29	Kolls, H. Brock	
	83	6603969		2003-08-05	VUORISTO et al.	
	84	6603975	B1	2003-08-05	Inouchi et al.	
	85	6606744		2003-08-12	MIKURAK, Michael G.	

	86	6615034	B1	2003-09-02	Alloune et al.	
	87	6628934	A	2003-09-30	Rosenberg et al.	
	88	6631122		2003-10-07	ARUNACHALAM, Vaidhyanathan et al.	
	89	6636721	B2	2003-10-21	Threadgill et al.	
	90	6639975	B1	2003-10-28	O'Neal et al.	
	91	6640097		2003-10-28	Corrigan, Louis et al.	
	92	6640334	B	2003-10-28	Rasmussen, John H.	
	93	6650887		2003-11-18	McGREGOR et al.	
	94	6651101		2003-11-18	GAI et al.	
	95	6654786	B1	2003-11-25	Fox et al.	
	96	6654814		2003-11-25	Britton, Kathryn H. et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	P025C1C1C1C1C1

	97	6658254		2003-12-02	PURDY et al.	
	98	6662014	B1	2003-12-09	Walsh, Patrick Jay	
	99	6678516	B2	2004-01-13	Nordman et al.	
	100	6683853		2004-01-27	Kannas, Chris et al.	
	101	6684244		2004-01-27	GOLDMAN et al.	
	102	6690918	B2	2004-02-10	Evans et al.	
	103	6694362	B1	2004-02-17	Secor et al.	
	104	6697821	B2	2004-02-24	Ziff et al.	
	105	6725031		2004-04-20	WATLER et al.	
	106	6725256	B1	2004-04-20	Albal et al.	
	107	6732176	B1	2004-05-04	Stewart et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	P025C1C1C1C1C1

	108	6735206	B1	2004-05-11	Oki et al.	
	109	6748195	B1	2004-06-08	Phillips, W. Garland	
	110	6748437	B1	2004-06-08	Mankude et al.	
	111	6751296	B1	2004-06-15	Albal et al.	

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

U.S.PATENT APPLICATION PUBLICATIONS

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	20080134330		2008-06-05	KAPOOR et al.	
	2	20080139210	A	2008-06-12	Gisby et al.	
	3	20080147454		2008-06-19	WALKER et al.	
	4	20080160958		2008-07-03	ABICHANDANI et al.	
	5	20080162637		2008-07-03	ADAMCZYK et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	P025C1C1C1C1C1

	6	20080162704		2008-07-03	POPLETT et al.	
	7	20080164304		2008-07-10	NARASIMHAN et al.	
	8	20080166993	A1	2008-07-10	Gautier et al.	
	9	20080167027		2008-07-10	GAUTIER et al.	
	10	20080167033		2008-07-10	BECKERS, Michel	
	11	20080168275	A1	2008-07-10	DeAtley et al.	
	12	20080168523		2008-07-10	ANSARI et al.	
	13	20080177998		2008-07-24	APSANGI et al.	
	14	20080178300	A1	2008-07-24	Brown et al.	
	15	20080181117	A1	2008-07-31	ACKE et al.	
	16	20080183812		2008-07-31	PAUL et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	P025C1C1C1C1C1

	17	20080184127		2008-07-31	RAFEY et al.	
	18	20080189760		2008-08-07	ROSENBERG et al.	
	19	20080201266	A	2008-08-21	Chua et al.	
	20	20080207167		2008-08-28	BUGENHAGEN, Michael K.	
	21	20080212470		2008-09-04	CASTANEDA et al.	
	22	20080212751	A1	2008-09-04	Chung, Simon	
	23	20080219268		2008-09-11	DENNISON, Larry R.	
	24	20080221951		2008-09-11	STANFORTH et al.	
	25	20080222692		2008-09-11	ANDERSSON et al.	
	26	20080225748		2008-09-18	KHEMANI et al.	
	27	20080229385		2008-09-18	FEDER et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	P025C1C1C1C1C1

	28	20080229388		2008-09-18	MAES, Stephane H.	
	29	20080235511		2008-09-25	O'BRIEN, William G. et al.	
	30	20080240373		2008-10-02	WILHELM, Robert D.	
	31	20080250053	A	2008-10-09	Aaltonen, Janne et al.	
	32	20080256593		2008-10-16	VINBERG et al.	
	33	20080259924	A1	2008-10-23	Gooch et al.	
	34	20080262798		2008-10-23	KIM, Eun Ah et al.	
	35	20080263348	A	2008-10-23	Zaltsman et al.	
	36	20080268813		2008-10-30	MAES, Stephane H.	
	37	20080270212	A	2008-10-30	Blight et al.	
	38	20080279216	A1	2008-11-13	Sharif-Ahmadi et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	P025C1C1C1C1C1

	39	20080282319	A1	2008-11-13	Fontijn et al.	
	40	20080291872	A1	2008-11-27	Henriksson	
	41	20080293395	A1	2008-11-27	Mathews et al.	
	42	20080298230		2008-12-04	LUFT et al.	
	43	20080305793		2008-12-11	GALLAGHER et al.	
	44	20080311885		2008-12-18	DAWSON et al.	
	45	20080313315	A	2008-12-18	Karaoguz et al.	
	46	20080313730		2008-12-18	Iftimie, Sorin et al.	
	47	20080316923		2008-12-25	FEDDERS et al.	
	48	20080318547		2008-12-25	BALLOU et al.	
	49	20080318550		2008-12-25	DeATLEY, Dallas	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	P025C1C1C1C1C1

	50	20080319879		2008-12-25	CARROLL et al.	
	51	20080320497	A1	2008-12-25	Tarkoma et al.	
	52	20090005000	A	2009-01-01	Baker, Matthew et al.	
	53	20090005005		2009-01-01	FORSTALL et al.	
	54	20090006116	A	2009-01-01	Baker, Matthew et al.	
	55	20090006200	A	2009-01-01	Baker, Matthew et al.	
	56	20090006229	A1	2009-01-01	Sweeney et al.	
	57	20090013157		2009-01-08	BEAULE, Stephane	
	58	20090016310	A1	2009-01-15	Rasal, Digambar L.	
	59	20090017809	A1	2009-01-15	Jethi et al.	
	60	20090036111	A1	2009-02-05	Danford et al.	

	61	20090042536	A1	2009-02-12	Bernard et al.	
	62	20090044185	A1	2009-02-12	Krivopaltsev, Eugene	
	63	20090046707	A1	2009-02-19	Smires et al.	
	64	20090046723		2009-02-19	RAHMAN, Reshad A. et al.	
	65	20090047989	A1	2009-02-19	Harmon et al.	
	66	20090048913	A1	2009-02-19	Shenfield et al.	
	67	20090049156	A1	2009-02-19	Aronsson et al.	
	68	20090049518	A1	2009-02-19	Roman et al.	
	69	20090054030		2009-02-26	GOLDS, David	
	70	20090065571	A1	2009-03-12	Jain, Deepak	
	71	20090066999	A1	2009-03-12	Ito	

	72	20090067372		2009-03-12	SHAH, Keyur C. et al.	
	73	20090068984		2009-03-12	BURNETT, R. Alan	
	74	20090070379	A1	2009-03-12	Rappaport, Theodore R.	
	75	20090077622		2009-03-19	BAUM et al.	
	76	20090079699		2009-03-26	SUN, Jian	
	77	20090113514		2009-04-30	HU, Q. James	
	78	20090125619		2009-05-14	ANTANI, Snehal S.	
	79	20090132860	A1	2009-05-21	LIU et al.	
	80	20090149154	A1	2009-06-11	Bhasin et al.	
	81	20090157792	A1	2009-06-18	Fiatal	
	82	20090163173	A1	2009-06-25	Williams, Timothy D.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	P025C1C1C1C1C1

	83	20090172077		2009-07-02	ROXBURGH, David et al.	
	84	20090180391		2009-07-16	PETERSEN et al.	
	85	20090181662	A1	2009-07-16	Fleischman et al.	
	86	20090197585		2009-08-06	AARON, Jeffrey A.	
	87	20090197612	A1	2009-08-06	Kiiskinen, Arto	
	88	20090203352	A1	2009-08-13	Fordon et al.	
	89	20090217065	A1	2009-08-27	Araujo JR.	
	90	20090217364	A1	2009-08-27	Salmela et al.	
	91	20090219170		2009-09-03	CLARK, Ryan C. et al.	
	92	20090248883		2009-10-01	SURYANARAYANA et al.	
	93	20090254857	A	2009-10-08	Romine et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	P025C1C1C1C1C1

	94	20090257379		2009-10-15	ROBINSON et al.	
	95	20090262715	A1	2009-10-22	Juang	
	96	20090271514		2009-10-29	THOMAS et al.	
	97	20090282127	A	2009-11-12	Leblanc et al.	
	98	20090286507		2009-11-19	O'NEIL et al.	
	99	20090287921		2009-11-19	ZHU et al.	
	100	20090288140	A1	2009-11-19	Huber et al.	
	101	20090291665	A1	2009-11-26	Gaskarth et al.	
	102	20090299857		2009-12-03	BRUBAKER, Curtis M.	
	103	20090307696	A1	2009-12-10	Vais et al.	
	104	20090307746	A1	2009-12-10	Di et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	P025C1C1C1C1C1

	105	20090315735		2009-12-24	BHAVANI, Neeraj S. et al.	
	106	20090320110	A1	2009-12-24	NICOLSON et al.	
	107	20100017506		2010-01-21	FADELL, Anthony	
	108	20100020822		2010-01-28	ZERILLO, Anthony J. et al.	
	109	20100027469	A1	2010-02-04	Gurajala et al.	
	110	20100027559		2010-02-04	LIN, Hung-Ming et al.	
	111	20100030890	A	2010-02-04	Dutta et al.	
	112	20100041364		2010-02-18	LOTT, Robert Wayne et al.	
	113	20100041365	A1	2010-02-18	Lott et al.	
	114	20100041391	A1	2010-02-18	Spivey et al.	
	115	20100042675		2010-02-18	FUJII, Hiroshi	

	116	20100043068		2010-02-18	VARADHAN et al.	
	117	20100069074	A1	2010-03-18	Kodialam et al.	
	118	20100071053		2010-03-18	ANSARI et al.	
	119	20100075666	A1	2010-03-25	Garner, Neil Robert	
	120	20100077035	A1	2010-03-25	Li et al.	
	121	20100080202		2010-04-01	Hanson, Mark	
	122	20100082431		2010-04-01	RAMER et al.	
	123	20100088387	A1	2010-04-08	Calamera	
	124	20100103820		2010-04-29	FULLER et al.	
	125	20100113020	A1	2010-05-06	Subramanian et al.	
	126	20100121744	A1	2010-05-13	Belz et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	P025C1C1C1C1C1

	127	20100131584		2010-05-27	Johnson, William J.	
	128	20100142478	A1	2010-06-10	Forssell et al.	
	129	20100144310		2010-06-10	BEDINGFIELD, James Carlton	
	130	20100151866	A1	2010-06-17	Karpov et al.	
	131	20100153781		2010-06-17	HANNA, Stephen R.	
	132	20100167696	A	2010-07-01	Smith, Christopher David et al.	
	133	20100183132	A1	2010-07-22	Satyavolu et al.	
	134	20100188975		2010-07-29	RALEIGH, Gregory G.	
	135	20100188990		2010-07-29	RALEIGH, Gregory G.	
	136	20100188992		2010-07-29	RALEIGH, Gregory G.	
	137	20100188994		2010-07-29	RALEIGH, Gregory G.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	P025C1C1C1C1C1

	138	20100190469	A1	2010-07-29	Vanderveen et al.	
	139	20100191576		2010-07-29	RALEIGH, Gregory G.	
	140	20100191612		2010-07-29	RALEIGH, Gregory G.	
	141	20100191846		2010-07-29	RALEIGH, Gregory G.	
	142	20100192170		2010-07-29	RALEIGH, Gregory G.	
	143	20100192212		2010-07-29	RALEIGH, Gregory G.	
	144	20100195503		2010-08-05	RALEIGH, Gregory G.	
	145	20100197268		2010-08-05	RALEIGH, Gregory G.	
	146	20100198698		2010-08-05	RALEIGH et al.	
	147	20100198939		2010-08-05	RALEIGH, Gregory G.	
	148	20100235329	A	2010-09-16	Koren et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	P025C1C1C1C1C1

	149	20100241544		2010-09-23	Benson, Dan et al.	
	150	20100248719	A1	2010-09-30	Scholaert, Hugh	
	151	20100284327	A	2010-11-11	Miklos, Gyorgy	
	152	20100284388	A1	2010-11-11	Fantini et al.	
	153	20100287599	A1	2010-11-11	He et al.	
	154	20100311402	A1	2010-12-09	Srinivasan et al.	
	155	20100325420		2010-12-23	KANEKAR, Tushar	
	156	20110004917	A1	2011-01-06	Saisa et al.	
	157	20110013569	A	2011-01-20	Scherzer, Shimon et al.	
	158	20110019574	A	2011-01-27	Malomsoky et al.	
	159	20110081881	A	2011-04-07	Baker, Matthew Donald et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	P025C1C1C1C1C1

	160	20110082790	A	2011-04-07	Baker, Matthew Donald et al.	
	161	20110110309	A	2011-05-12	Bennett, James D.	
	162	20110126141		2011-05-26	KING et al.	
	163	20110145920	A1	2011-06-16	Mahaffey et al.	
	164	20110159818	A	2011-06-30	Scherzer, Shimon et al.	
	165	20110173678		2011-07-14	KAIPPALLIMALIL, John et al.	
	166	20110177811	A1	2011-07-21	Heckman et al.	
	167	20110182220	A1	2011-07-28	Black et al.	
	168	20110185202	A1	2011-07-28	Black et al.	
	169	20110244837	A1	2011-10-06	MURATA et al.	
	170	20110249668	A1	2011-10-13	Milligan et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	P025C1C1C1C1C1

	171	20110264923	A	2011-10-27	Kocher et al.	
	172	20110277019	A1	2011-11-10	John Russell Pritchard Jr.	
	173	20120011017	A1	2012-01-12	Wolcott et al.	
	174	20120020296	A	2012-01-26	Scherzer, Shimon et al.	
	175	20120144025	A1	2012-06-07	Melander et al.	
	176	20120166364	A1	2012-06-28	Ahmad et al.	
	177	20120196644	A	2012-08-02	Scherzer, Shimon et al.	
	178	20120238287	A	2012-09-20	Scherzer, Shimon	
	179	20130029653	A	2013-01-31	Baker, Matthew Donald et al.	
	180	20130058274	A	2013-03-07	Scherzer, Shimon et al.	
	181	20130065555	A	2013-03-14	Baker, Matthew Donald et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	P025C1C1C1C1C1

	182	20130072177	A1	2013-03-21	Ross et al.	
	183	20130084835	A	2013-04-04	Scherzer, Shimon et al.	
	184	20130144789		2013-06-06	Aaltonen, Janne et al.	
	185	20130225151	A1	2013-08-29	King et al.	
	186	20130326356	A9	2013-12-05	Zheng et al.	
	187	20140073291	A1	2014-03-13	Hildner et al.	
	188	20140241342	A1	2014-08-28	Constantinof, Cristian	
	189	20150181628	A1	2015-06-25	Haverinen et al.	

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

FOREIGN PATENT DOCUMENTS

Examiner Initial*	Cite No	Foreign Document Number[3]	Country Code[2] i	Kind Code[4]	Publication Date	Name of Patentee or Applicant of cited Document	Pages,Columns,Lines where Relevant Passages or Relevant Figures Appear	T[5]
	1	1999027723	WO		1999-06-03	Telefonaktiebolaget LM Ericsson		☐

EFS Web 2.1.18

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	P025C1C1C1C1C1

	2	1999065185	WO	A3	2001-05-03	Briscoe et al.		☐
	3	2002045315	WO	A2	2002-06-06	Micromuse		☐
	4	2002067616	WO	A1	2002-08-29	Sonera Oyj		☐
	5	2002093877	WO	A1	2002-11-21	Nokia Corp.		☐
	6	2003014891	WO		2003-02-20	The Boeing Company		☐
	7	2003017063	WO	A2	2003-02-27	Apogee Networks		☐
	8	2003017065	WO	A2	2003-02-27	Apogee Networks		☐
	9	2003058880	WO	A1	2003-07-17	Eriksson et al.		☐
	10	2004028070	WO	A1	2004-04-01	Mann et al.		☐
	11	2004064306	WO	A2	2004-07-29	Wild et al.		☐
	12	2004077797	WO	A3	2008-02-07	Erskine et al.		☐

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	P025C1C1C1C1C1

	13	2004095753	WO	A3	2005-01-13	Adwankar et al.		☐
	14	2005008995	WO		2005-01-27	Starhub Ltd.		☐
	15	2005053335	WO	A1	2005-06-09	Nokia Corp.		☐
	16	2005083934	WO	A1	2005-09-09	Research In Motion Ltd.		☐
	17	2006004467	WO	A1	2006-01-12	Skog et al.		☐
	18	2006004784	WO	A1	2006-01-12	Japan Communications Inc.		☐
	19	2006012610	WO	A2	2006-02-02	Citrix Systems, Inc.		☐
	20	2006050758	WO	A1	2006-05-18	Boman		☐
	21	2006073837	WO	A3	2009-04-02	D'agostino, Anthony		☐
	22	2006077481	WO	A1	2006-07-27	Chane et al.		☐
	23	2006093961	WO	A1	2006-09-08	Kyocera Wireless Corp.		☐

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	P025C1C1C1C1C1

	24	2006120558	WO		2006-11-16	Nokia Corp.		☐
	25	2006130960	WO	A1	2006-12-14	Sharif-Ahmadi et al.		☐
	26	2007001833	WO	A2	2007-01-04	Linsley-Hood et al.		☐
	27	2007014630	WO	A1	2007-02-08	Norrman et al.		☐
	28	2007018363	WO	A1	2007-02-15	Son		☐
	29	2007053848	WO	A1	2007-05-10	Germano et al.		☐
	30	2007068288	WO		2007-06-21	Telefonaktiebolaget LM Ericsson		☐
	31	2007069245	WO	A3	2009-04-16	Touboul		☐
	32	2007097786	WO	A	2007-08-30	Sony Ericsson Mobile Communications AB		☐
	33	2007107701	WO	A2	2007-09-27	Cofta		☐
	34	2007120310	WO		2007-10-25	Qualcomm Inc.		☐

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	P025C1C1C1C1C1

	35	2007124279	WO		2007-11-01	Cisco Technology, Inc., et al.		☐
	36	2007126352	WO		2007-11-08	Telefonaktiebolaget LM Ericsson		☐
	37	2007129180	WO	A2	2007-11-15	Nokia Corp.		☐
	38	2007133844	WO	A	2007-11-22	Camiant, Inc.		☐
	39	2008017837	WO	A1	2008-02-14	Spooner		☐
	40	2008051379	WO	A2	2008-05-02	Balia		☐
	41	2008066419	WO	A1	2008-06-05	LIDSTRÖM et al.		☐
	42	2008080139	WO	A1	2008-07-03	Pugh et al.		☐
	43	2008080430	WO	A1	2008-07-10	Costa et al.		☐
	44	2008099802	WO	A1	2008-08-21	Awano		☐
	45	2009008817	WO	A1	2009-01-15	Ericsson		☐

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	P025C1C1C1C1C1

	46	2009091295	WO	A1	2009-07-23	Telefonaktiebolaget LM Ericsson		☐
	47	2010088413	WO	A1	2010-08-05	Raleigh		☐
	48	2010128391	WO	A2	2010-11-11	Bridgewater Systems Corp.		☐
	49	2010128391	WO	A3	2011-01-20	Momtahan et al.		☐
	50	2011002450	WO	A1	2011-01-06	Alcatel-Lucent USA Inc.		☐

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

NON-PATENT LITERATURE DOCUMENTS

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[6]
	1	Rivadeneyra et al., "A communication architecture to access data services through GSM," San Sebastian, Spain, 1998	☐
	2	Ruckus Wireless – White Paper; "Smarter Wi-Fi for Mobile Operator Infrastructures" 2010	☐
	3	Sabat, "The evolving mobile wireless value chain and market structure," Nov. 2002	☐
	4	Sadeh et al., "Understanding and Capturing People's Privacy Policies in a Mobile Social Networking Application," ISR School of Computer Science, Carnegie Mellon University, 2007	☐

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	P025C1C1C1C1C1

	5	Schiller et al., "Location-Based Services," The Morgan Kaufmann Series in Data Management Systems, 2004	☐
	6	SHARKEY, "Coding for Life--Battery Life, That Is," May 27, 2009	☐
	7	STEGLICH, Stephan, "I-Centric User Interaction," November 21, 2003	☐
	8	Sun et al., "Towards Connectivity Management Adaptability: Context Awareness in Policy Representation and End-to-end Evaluation Algorithm," Dept. of Electrical and Information Engineering, Univ. of Oulu, Finland, 2004	☐
	9	VAN EIJK, et al., "GigaMobile, Agent Technology for Designing Personalized Mobile Service Brokerage," July 1, 2002	☐
	10	VerizonWireless.com news, "Verizon Wireless Adds to Portfolio of Cosumer-Friendly Tools With Introduction of Usage Controls, Usage Controls and Chaperone 2.0 Offer Parents Full Family Security Solution," August 18, 2008	☐
	11	Windows7 Power Management, published April 2009	☐
	12	Wireless Broadband Alliance, "WISPr 2.0, 08 April, 2010"; Doc. Ref. No.: WBA/RM/WISPr, Version 01.00	☐
	13	ZHU et al., "A Survey of Quality of Service in IEEE 802.11 Networks," IEEE Wireless Communications, August 2004	☐

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

EXAMINER SIGNATURE

Examiner Signature		Date Considered	

*EXAMINER: Initial if reference considered, 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.

EFS Web 2.1.18

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	P025C1C1C1C1C1

[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	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT YET ASSIGNED
	Attorney Docket Number	P025C1C1C1C1C1

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	/Farshad Farjami/	Date (YYYY-MM-DD)	2023-01-09
Name/Print	Farshad Farjami	Registration Number	41,014

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

Privacy Act Statement

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

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

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

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

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

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

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

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

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

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

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

Electronic Acknowledgement Receipt

EFS ID:	47342276
Application Number:	17867585
International Application Number:	
Confirmation Number:	5955
Title of Invention:	Security Techniques for Device Assisted Services
First Named Inventor/Applicant Name:	Gregory G. Raleigh
Customer Number:	106963
Filer:	Michael Farjami/Evan Gunderman
Filer Authorized By:	Michael Farjami
Attorney Docket Number:	RALEP025C1C1C1C1C1
Receipt Date:	09-JAN-2023
Filing Date:	18-JUL-2022
Time Stamp:	18:17:15
Application Type:	Utility under 35 USC 111(a)

Payment information:

Submitted with Payment	no

File Listing:

Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Information Disclosure Statement (IDS) Form (SB08)	P025C1C1C1C1C1_IDS2_Jan_9_23.pdf	202990 1d8bfbbe38772fd7aa5e93011b8a1852a8303e06	no	37

Warnings:

Information:	
This is not an USPTO supplied IDS fillable form	
Total Files Size (in bytes):	202990

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

New Applications Under 35 U.S.C. 111
If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.
National Stage of an International Application under 35 U.S.C. 371
If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.
New International Application Filed with the USPTO as a Receiving Office
If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.

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

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)		
	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT ASSIGNED YET
	Attorney Docket Number	P025C1C1C1C1C1

U.S.PATENTS						
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	10021251	B2	2018-07-10	Aaron et al.	
	2	10285025	B1	2019-05-07	Baker et al.	
	3	10326800	B2	2019-06-18	Raleigh et al.	
	4	10492102	B2	2019-11-26	Raleigh et al.	
	5	10582375	B2	2020-03-03	Raleigh	
	6	10779177	B2	2020-09-15	Raleigh	
If you wish to add additional U.S. Patent citation information please click the Add button.						

U.S.PATENT APPLICATION PUBLICATIONS						
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

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT ASSIGNED YET
	Attorney Docket Number	P025C1C1C1C1C1

	1	20010048738	A	2001-12-06	Baniak, Paul G. et al.	
	2	20010053694		2001-12-20	IGARASHI, Yoichiro et al.	
	3	20020013844	A1	2002-01-31	Garrett et al.	
	4	20020022472		2002-02-21	WATLER et al.	
	5	20020022483	A1	2002-02-21	Thompson et al.	
	6	20020049074	A	2002-04-25	Eisinger, Bernd et al.	
	7	20020099848	A1	2002-07-25	Lee, Hoon	
	8	20020116338		2002-08-22	GONTHIER, Jean-Charles et al.	
	9	20020120370	A1	2002-08-29	Parupudi et al.	
	10	20020120540		2002-08-29	KENDE et al.	
	11	20020131404		2002-09-19	MEHTA et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT ASSIGNED YET
	Attorney Docket Number	P025C1C1C1C1C1

	12	20020138599	A1	2002-09-26	Dilman et al.	
	13	20020138601		2002-09-26	PIPONIUS et al.	
	14	20020154751	A1	2002-10-24	Thompson et al.	
	15	20020161601	A	2002-10-31	Nauer, Bernhard et al.	
	16	20020164983		2002-11-07	Raviv, Li-On et al.	
	17	20020176377		2002-11-28	HAMILTON, Thomas E.	
	18	20020188732	A1	2002-12-12	Buckman et al.	
	19	20020191573	A1	2002-12-19	Whitehill et al.	
	20	20020199001		2002-12-26	WENOCUR et al.	
	21	20030004937		2003-01-02	SALMENKAITA et al.	
	22	20030005112		2003-01-02	KRAUTKREMER, Todd Joseph	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT ASSIGNED YET
	Attorney Docket Number	P025C1C1C1C1C1

	23	20030013434		2003-01-16	ROSENBERG et al.	
	24	20030018524		2003-01-23	FISHMAN et al.	
	25	20030028623	A1	2003-02-06	Hennessey et al.	
	26	20030046396		2003-03-06	RICHTER et al.	
	27	20030050070		2003-03-13	MASHINSKY et al.	
	28	20030050837		2003-03-13	KIM, Do Sik	
	29	20030084321	A1	2003-05-01	Tarquini et al.	
	30	20030088671	A1	2003-05-08	Klinker et al.	
	31	20030133408		2003-07-17	CHENG et al.	
	32	20030134650	A1	2003-07-17	Sundar et al.	
	33	20030159030	A1	2003-08-21	Evans, Junius A.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT ASSIGNED YET
	Attorney Docket Number	P025C1C1C1C1C1

	34	20030161265		2003-08-28	CAO et al.	
	35	20030171112		2003-09-11	Lupper, Alfred et al.	
	36	20030182420		2003-09-25	JONES et al.	
	37	20030182435		2003-09-25	REDLICH et al.	
	38	20030184793	A1	2003-10-02	Pineau, Richard A.	
	39	20030188006	A	2003-10-02	Bard, Steven R.	
	40	20030188117	A	2003-10-02	Yoshino et al.	
	41	20030220984		2003-11-27	JONES et al.	
	42	20030224781		2003-12-04	MILFORD et al.	
	43	20030229900		2003-12-11	REISMAN, Richard	
	44	20030233332	A	2003-12-18	Keeler, James D. et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT ASSIGNED YET
	Attorney Docket Number	P025C1C1C1C1C1

	45	20030236745		2003-12-25	HARTSELL et al.	
	46	20040019539		2004-01-29	RAMAN et al.	
	47	20040019564	A1	2004-01-29	Goldthwaite et al.	
	48	20040021697		2004-02-05	BEATON et al.	
	49	20040024756	A1	2004-02-05	Rickard, John Terrell	
	50	20040030705		2004-02-12	BOWMAN-AMUAH, Michel K.	
	51	20040039792	A1	2004-02-26	Nakanishi, Tomoaki	
	52	20040044623		2004-03-04	WAKE et al.	
	53	20040047358		2004-03-11	CHEN et al.	
	54	20040054779	A1	2004-03-18	Takeshima et al.	
	55	20040073672		2004-04-15	FASCENDA, Anthony C.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT ASSIGNED YET
	Attorney Docket Number	P025C1C1C1C1C1

	56	20040082346		2004-04-29	SKYTT et al.	
	57	20040098715		2004-05-20	AGHERA et al.	
	58	20040102182	A	2004-05-27	Reith, Lothar et al.	
	59	20040103193		2004-05-27	PANDYA et al.	
	60	20040107360		2004-06-03	HERRMANN et al.	
	61	20040116140	A1	2004-06-17	Babbar et al.	
	62	20040127200		2004-07-01	SHAW et al.	
	63	20040127208	A1	2004-07-01	Nair et al.	
	64	20040127256	A1	2004-07-01	Goldthwaite et al.	
	65	20040132427		2004-07-08	Lee, Wan-Yeon et al.	
	66	20040133668	A1	2004-07-08	Nicholas III, Henry T.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT ASSIGNED YET
	Attorney Docket Number	P025C1C1C1C1C1

	67	20040137890	A1	2004-07-15	Kalke, Catherine	
	68	20040165596	A1	2004-08-26	Garcia et al.	
	69	20040167958	A1	2004-08-26	Stewart et al.	
	70	20040168052		2004-08-26	CLISHAM et al.	
	71	20040170191	A	2004-09-02	Guo et al.	
	72	20040176104	A	1841-03-12	Arcens	
	73	20040176104	A1	2004-09-09	Arcens	
	74	20040198331		2004-10-07	COWARD et al.	
	75	20040203755		2004-10-14	BRUNET, Jeffrey et al.	
	76	20040203833	A	2004-10-14	Rathunde, Dale F. et al.	
	77	20040225561	A1	2004-11-11	Hertzberg et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT ASSIGNED YET
	Attorney Docket Number	P025C1C1C1C1C1

	78	20040225898	A	2004-11-11	Frost, D. et al.	
	79	20040236547		2004-11-25	RAPPAPORT et al.	
	80	20040243680	A1	2004-12-02	Mayer, Georg	
	81	20040243992	A	2004-12-02	Gustafson et al.	
	82	20040249918		2004-12-09	SUNSHINE, Roger N.	
	83	20040255145	A	2004-12-16	Chow, Jerry	
	84	20040259534	A1	2004-12-23	Chaudhari et al.	
	85	20040260766	A1	2004-12-23	Barros et al.	
	86	20040267872	A1	2004-12-30	Serdy et al.	
	87	20050007993		2005-01-13	Chambers, Mahdi et al.	
	88	20050009499		2005-01-13	KOSTER, Karl	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT ASSIGNED YET
	Attorney Docket Number	P025C1C1C1C1C1

	89	20050021995		2005-01-27	LAL et al.	
	90	20050041617	A1	2005-02-24	Huotari et al.	
	91	20050048950		2005-03-03	MORPER, Hans-Jochen	
	92	20050055291		2005-03-10	BEVENTE et al.	
	93	20050055309		2005-03-10	WILLIAMS et al.	
	94	20050055595	A	2005-03-10	Frazer et al.	
	95	20050060266		2005-03-17	DEMELLO et al.	
	96	20050060525	A1	2005-03-17	Schwartz et al.	
	97	20050075115	A1	2005-04-07	Corneille et al.	
	98	20050079863	A	2005-04-14	Macaluso, Anthony G.	
	99	20050091505	A1	2005-04-28	Riley et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT ASSIGNED YET
	Attorney Docket Number	P025C1C1C1C1C1

	100	20050096024	A1	2005-05-05	Bicker et al.	
	101	20050097516		2005-05-05	DONNELLY et al.	
	102	20050107091		2005-05-19	VANNITHAMBY et al.	
	103	20050108075	A1	2005-05-19	Douglis et al.	
	104	20050111463	A1	2005-05-26	Leung et al.	
	105	20050128967		2005-06-16	SCOBBIE, Donald MacGregor	
	106	20050135264	A1	2005-06-23	Popoff et al.	
	107	20050163320	A1	2005-07-28	Brown et al.	
	108	20050166043		2005-07-28	ZHANG et al.	
	109	20050183143		2005-08-18	ANDERHOLM et al.	
	110	20050186948	A	2005-08-25	Gallagher et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT ASSIGNED YET
	Attorney Docket Number	P025C1C1C1C1C1

	111	20050198377		2005-09-08	FERGUSON et al.	
	112	20050216421		2005-09-29	BARRY et al.	
	113	20050228985		2005-10-13	YLIKOSKI et al.	
	114	20050238046		2005-10-27	HASSAN et al.	
	115	20050239447	A1	2005-10-27	Holzman et al.	
	116	20050245241	A1	2005-11-03	Durand et al.	
	117	20050246282		2005-11-03	NASLUND et al.	
	118	20050250508		2005-11-10	GUO et al.	
	119	20050250536	A1	2005-11-10	Deng et al.	
	120	20050254435		2005-11-17	MOAKLEY et al.	
	121	20050266825		2005-12-01	CLAYTON, Steve	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT ASSIGNED YET
	Attorney Docket Number	P025C1C1C1C1C1

	122	20050266880		2005-12-01	GUPTA, Vivek G.	
	123	20060014519		2006-01-19	MARSH et al.	
	124	20060019632		2006-01-26	CUNNINGHAM et al.	
	125	20060020787	A1	2006-01-26	Choyi et al.	
	126	20060026679	A1	2006-02-02	Zakas	
	127	20060030306	A1	2006-02-09	Kuhn, Brian Gerald	
	128	20060034256		2006-02-16	ADDAGATLA et al.	
	129	20060035631	A1	2006-02-16	White et al.	
	130	20060040642		2006-02-23	BORIS et al.	
	131	20060040642	A1	2006-02-23	Boris et al.	
	132	20060045245		2006-03-02	AARON et al.	

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Not for submission under 37 CFR 1.99)	Application Number	17867585
	Filing Date	2022-07-18
	First Named Inventor	RALEIGH, GREGORY
	Art Unit	
	Examiner Name	NOT ASSIGNED YET
	Attorney Docket Number	P025C1C1C1C1C1

	133	20060048223		2006-03-02	LEE et al.	
	134	20060068796	A	2006-03-30	Millen, Stephanie L. et al.	
	135	20060072451	A1	2006-04-06	Ross, Alan D.	
	136	20060072550	A1	2006-04-06	Davis et al.	
	137	20060072646		2006-04-06	FEHER, Kamilo	
	138	20060075506	A1	2006-04-06	Sanda et al.	
	139	20060085543		2006-04-20	HRASTAR et al.	
	140	20060093107	A1	2006-05-04	Chien	
	141	20060095517	A1	2006-05-04	O'Connor et al.	
	142	20060098627	A1	2006-05-11	Karaoguz et al.	
	143	20060099970	A1	2006-05-11	Morgan et al.	