# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
INTELLECTUAL VENTURES ASSETS 123 LLC	12/17/2018

# **RECEIVING PARTY DATA**

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City:	NEW TOWN	
State/Country:	NORTH DAKOTA	
Postal Code:	58763	

# **PROPERTY NUMBERS Total: 44**

Property Type	Number
Patent Number:	7644124
Patent Number:	6816884
Patent Number:	6697458
Patent Number:	6353852
Patent Number:	6266690
Patent Number:	6505236
Patent Number:	6750886
Patent Number:	6618747
Patent Number:	6401239
Patent Number:	6338082
Patent Number:	7136932
Patent Number:	6895430
Patent Number:	6901436
Patent Number:	6760746
Patent Number:	8667051
Patent Number:	6944658
Patent Number:	7120236
Patent Number:	7194552
Patent Number:	6678717
Patent Number:	9141717

PATENT REEL: 049643 FRAME: 0146

Property Type	Number
Patent Number:	7188138
Patent Number:	8990347
Patent Number:	8224994
Patent Number:	8037168
Patent Number:	7565402
Patent Number:	8635340
Patent Number:	RE44207
Patent Number:	RE43690
Patent Number:	8458161
Patent Number:	8612565
Application Number:	14665629
Patent Number:	9659070
Patent Number:	6671718
Patent Number:	7792907
Patent Number:	6516337
Patent Number:	6976053
Patent Number:	6983322
Patent Number:	7133870
Patent Number:	6675205
Patent Number:	RE42051
Patent Number:	6924828
Patent Number:	6836768
Patent Number:	7882115
Patent Number:	RE44898

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NAME OF SUBMITTER:	RALPH E. GASKINS
SIGNATURE:	/s/Ralph E. Gaskins
DATE SIGNED:	07/01/2019

**Total Attachments: 12** 

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#### ASSIGNMENT OF PATENT RIGHTS

For good and valuable consideration, the receipt of which is hereby acknowledged, Intellectual Ventures Assets 123 LLC, a Delaware limited liability company, with an address at 251 Little Falls Drive, Wilmington, DE 19808 ("Assignor"), does hereby sell, assign, transfer, and convey unto MEC Management LLC, a limited liability company formed under the tribal laws of The Three Affiliated Tribes (Mandan, Hidatsa and Arikara), with an address at 3949 Hwy 8, New Town, ND 58763 ("Assignee"), all of Assignor's right, title, and interest in and to the following (collectively, the "Assigned Patent Rights"):

(a) the patents and patent applications listed in the table below (the "*Patents*");

Patent/		Issue Date/	
Application Number	Country	Filing Date	Title of Patent and Inventors
7644124	US	1/5/2010	PRIVACY ENHANCED
(09/504236)		(2/15/2000)	METHODS AND
			APPARATUSES FOR
			CONDUCTING
			ELECTRONIC
			COMMUNICATIONS
			Swain W. Porter
6816884	US	11/9/2004	SYSTEM AND METHOD
(09/492943)		(1/27/2000)	FOR CREATING
			CONVERSATIONALLY-
			STYLED SUMMARIES
			FROM DIGESTING EMAIL
			MESSAGES
			Colin T. Summers
6697458	US	2/24/2004	SYSTEM AND METHOD
(09/613419)		(7/10/2000)	FOR SYNCHRONIZING
			VOICE MAILBOX WITH E-
			MAIL BOX
			Shreesha Kunjibettu
6353852	US	3/5/2002	ENHANCED TELEPHONE
(09/238108)		(1/27/1999)	SERVICE SYSTEM WITH
			SECURE SYSTEM AND
			METHOD FOR E-MAIL
			ADDRESS REGISTRATION
			Eric William Burger; John
			Nestoriak III

Patent/		Issue Date/	
Application Number	Country	Filing Date	<b>Title of Patent and Inventors</b>
6266690 (09/361676)	US	7/24/2001 (7/27/1999)	ENHANCED SERVICE PLATFORM WITH SECURE SYSTEM AND METHODS FOR SUBSCRIBER PROFILE CUSTOMIZATION  Vijay Shankarappa; Eric William Burger; John
			Nestoriak III
CA2391315 (CA2391315)	CA	6/26/2012 (7/27/2000)	ENHANCED SERVICE PLATFORM WITH SECURE SYSTEM AND METHOD FOR SUBSCRIBER PROFILE CUSTOMIZATION  NESTORIAK JOHN III;
			SHANKARAPPA VIJAY; BURGER ERIC W
GB1198754 (GB00950769.0)	GB	10/25/2017 (7/27/2000)	ENHANCED SERVICE PLATFORM WITH SECURE SYSTEM AND METHOD FOR SUBSCRIBER PROFILE CUSTOMIZATION
			SHANKARAPPA VIJAY; BURGER ERIC W; NESTORIAK JOHN III
GB2302523 (GB10180337.7)	GB	10/31/2018 (7/27/2000)	ENHANCED SERVICE PLATFORM WITH SECURE SYSTEM AND METHOD FOR SUBSCRIBER PROFILE CUSTOMIZATION
			SHANKARAPPA VIJAY; BURGER ERIC W; NESTORIAK JOHN III
6505236 (09/302877)	US	1/7/2003 (4/30/1999)	NETWORK-BASED MAIL ATTACHMENT STORAGE SYSTEM AND METHOD
			Jordan Pollack

Patent/		Issue Date/	
Application Number	<u>Country</u>	Filing Date	Title of Patent and Inventors
6750886	US	6/15/2004	METHOD AND SOFTWARE
(09/767630)		(1/22/2001)	FOR DISPLAYING
			INFORMATION ON A
			DISPLAY AREA OF A
			SCREEN OF AN
			ELECTRONIC DEVICE
			Donald B. Bergstedt
6618747	US	9/9/2003	ELECTRONIC
(09/448365)		(11/23/1999)	COMMUNICATION
			DELIVERY
			CONFIRMATION AND
			VERIFICATION SYSTEM
			T ' . II T' I C'
			Francis H. Flynn; Jeffrey
6401239	US	(///2002	Foran;
	05	6/4/2002	SYSTEM AND METHOD
(09/273257)		(3/22/1999)	FOR QUICK DOWNLOADING OF
			ELECTRONIC FILES
			Mordechay Miron
6338082	US	1/8/2002	METHOD, PRODUCT, AND
(09/525350)		(3/15/2000)	APPARATUS FOR
			REQUESTING A NETWORK
			RESOURCE
			Eric Schneider
7136932	US	11/14/2006	FICTITIOUS DOMAIN
(09/532500)		(3/21/2000)	NAME METHOD,
			PRODUCT, AND
			APPARATUS
			Frie Sehneider
6895430	US	5/17/2005	Eric Schneider  METHOD AND
(09/598134)	US	(6/21/2000)	APPARATUS FOR
(02/320134)		(0/21/2000)	INTEGRATING
			RESOLUTION SERVICES, REGISTRATION
			SERVICES, AND SEARCH
			SERVICES, AND SEARCH SERVICES
			SERVICES
			Eric Schneider
			Eric Schneider

Patent/		Issue Date/	
Application Number	Country	Filing Date	<b>Title of Patent and Inventors</b>
6901436	US	5/31/2005	METHOD, PRODUCT, AND
(09/650827)		(8/30/2000)	APPARATUS FOR
			DETERMINING THE
			AVAILABILITY OF
			SIMILAR IDENTIFIERS
			AND REGISTERING THESE
			IDENTIFIERS ACROSS
			MULTIPLE NAMING
			SYSTEMS
			Eric Schneider
6760746	US	7/6/2004	METHOD, PRODUCT, AND
(09/653100)		(8/31/2000)	APPARATUS FOR
			PROCESSING A DATA
			REQUEST
			Eric Schneider
8667051	US	3/4/2014	METHOD, PRODUCT, AND
(09/656667)		(9/7/2000)	APPARATUS FOR
			PERFORMING AN
			OPERATIVE FUNCTION IN
			RESPONSE TO DETECTING
			AN IDENTIFIER
			Eric Schneider
6944658	US	9/13/2005	CONTENT NOTIFICATION
(09/663094)		(9/15/2000)	METHOD, PRODUCT, AND
			APPARATUS
			Eric Schneider
7120236	US	10/10/2006	MNEMONIC DISCOVERY
(09/681448)		(4/7/2001)	AND NOTIFICATION
			METHOD, PRODUCT, AND
			APPARATUS
			Eric Schneider
7194552	US	3/20/2007	METHOD, PRODUCT, AND
(09/682133)		(7/25/2001)	APPARATUS FOR
			REQUESTING A NETWORK
			RESOURCE
			Eric Schneider

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Patent/		Issue Date/	
Application Number	Country	Filing Date	<b>Title of Patent and Inventors</b>
6678717	US	1/13/2004	METHOD, PRODUCT, AND
(09/683465)		(1/3/2002)	APPARATUS FOR
			REQUESTING A NETWORK
			RESOURCE
			Eric Schneider
9141717	US	9/22/2015	METHODS, SYSTEMS,
(10/248068)		(12/13/2002)	PRODUCTS, AND DEVICES
			FOR PROCESSING DNS
			FRIENDLY IDENTIFIERS
			Eric Schneider
7188138	US	3/6/2007	METHOD, PRODUCT, AND
(10/604626)		(8/5/2003)	APPARATUS FOR
			RESOURCE IDENTIFIER
			REGISTRATION AND
·			AFTERMARKET SERVICES
			Eric Schneider
8990347	US	3/24/2015	METHOD, PRODUCT, AND
(10/710362)		(7/4/2004)	APPARATUS FOR
			PROCESSING A DATA
			REQUEST
			Eric Schneider
8224994	US	7/17/2012	FICTITIOUS DOMAIN
(10/711834)		(10/7/2004)	NAME METHOD, SYSTEM,
			PRODUCT, AND
			APPARATUS
			Eric Schneider
8037168	US	10/11/2011	METHOD, PRODUCT, AND
(10/904943)		(12/6/2004)	APPARATUS FOR
			ENHANCING RESOLUTION
			SERVICES,
			REGISTRATION
			SERVICES, AND SEARCH SERVICES
			Eric Schneider
7565402	US	7/21/2009	SITEMAP ACCESS
(11/676415)		(2/19/2007)	METHOD, PRODUCT, AND
			APPARATUS
			Eric Schneider

Patent/		<u>Issue Date/</u>	
Application Number	Country	Filing Date	<b>Title of Patent and Inventors</b>
8635340	US	1/21/2014	METHOD, PRODUCT, AND
(11/687672)		(3/19/2007)	APPARATUS FOR
			REQUESTING A NETWORK
			RESOURCE
			Eric Schneider
RE44207	US	5/7/2013	Network resource access
(11/952105)		(12/6/2007)	method, product, and
			apparatus
			Eric Schneider
RE43690	US	9/25/2012	SEARCH ENGINE
(12/044804)		(3/7/2008)	REQUEST METHOD,
			PRODUCT, AND
			APPARATUS
2452161	7.70		Eric Schneider
8458161	US	6/4/2013	METHOD, PRODUCT, AND
(13/163076)		(6/17/2011)	APPARATUS FOR
			ENHANCING RESOLUTION
			SERVICES,
			REGISTRATION
			SERVICES, AND SEARCH
			SERVICES
			Eric Schneider
8612565	US	12/17/2013	FICTITIOUS DOMAIN
(13/538433)		(6/29/2012)	NAME METHOD, SYSTEM,
			PRODUCT, AND
			APPARATUS
			Eric Schneider
14/665629	US	3/23/2015	METHOD, PRODUCT, AND
			APPARATUS FOR
			PROCESSING A DATA
			REQUEST
			Eric Schneider
9659070	US	5/23/2017	Methods, Systems, Products,
(14/836553)	0.5	(8/26/2015)	and Devices for Processing
(111000000)		(0/20/2013)	DNS Friendly Identifiers
			Divo Friendly Identifiers
	Andrew Market		Eric Schneider
	L		

Patent/		Issue Date/	
Application Number	Country	Filing Date	Title of Patent and Inventors
6671718 (09/337035)	US	12/30/2003 (6/28/1999)	EMAIL CLIENT APPLICATION INCORPORATING AN ACTIVE TRANSMIT AUTHORIZATION REQUEST Mark Meister; James Randall
			Beckers
7792907 (10/715408)	US	9/7/2010 (11/19/2003)	E-MAIL SYSTEM WITH USER SEND AUTHORIZATION  Mark Meister; James Randall
			Beckers
6516337 (09/419405)	US	2/4/2003 (10/14/1999)	SENDING TO A CENTRAL INDEXING SITE META DATA OR SIGNATURES FROM OBJECTS ON A COMPUTER NETWORK  Michael D. Meadway; Gary
6976053 (09/575971)	US	12/13/2005 (5/23/2000)	W. Tripp; Claude E. Duguay  METHOD FOR USING  AGENTS TO CREATE A  COMPUTER INDEX  CORRESPONDING TO THE  CONTENTS OF  NETWORKED  COMPUTERS  Tripp, Gary W.; Meadway,  Michael D.; Duguay, Claude
6983322 (09/718526)	US	1/3/2006 (11/21/2000)	E. A SYSTEM FOR DISCRETE PARALLEL PROCESSING OF QUERIES AND UPDATES  Tripp, Gary W.; Meadway, Michael D.

Patent/		Issue Date/	
Application Number	<u>Country</u>	Filing Date	<b>Title of Patent and Inventors</b>
7133870 (09/718531)	US	11/7/2006 (11/21/2000)	INDEX CARDS ON NETWORK HOSTS FOR SEARCHING, RATING, AND RANKING
((75205	LIG.	1/6/0004	Tripp, Gary W.; Meadway, Michael D.; Duguay, Claude E.
6675205 (09/910460)	US	1/6/2004 (7/20/2001)	PEER-TO-PEER AUTOMATED ANONYMOUS ASYNCHRONOUS FILE SHARING Meadway, Michael D.; Tripp, Gary W.
RE42051 (12/105028)	US	1/18/2011 (4/17/2008)	PEER-TO-PEER AUTOMATED ANONYMOUS ASYNCHRONOUS FILE SHARING Gary W. Tripp; Michael D.
			Meadway
6924828 (09/557855)	US	8/2/2005 (4/26/2000)	METHOD AND APPARATUS FOR IMPROVED INFORMATION REPRESENTATION
			Scott Hirsch
6836768 (09/559137)	US	12/28/2004 (4/27/2000)	METHOD AND APPARATUS FOR IMPROVED INFORMATION REPRESENTATION
			Scott Hirsch
7882115 (11/091013)	US	2/1/2011 (3/25/2005)	Method and apparatus for improved information representation  Scott Hirsch
RE44898	US	5/13/2014	Search engine request method,
(13/452503)	US	(4/20/2012)	product, and apparatus  Eric Schneider; Steven
			Schneider; Daniel V. Heintz

- any future reissues, reexaminations, extensions, continuations, continuing prosecution application, requests for continuing examinations, divisions, and registrations of any of the Patents:
- (c) rights to apply in any or all countries of the world for future patents, certificates of invention, utility models, industrial design protections, design patent protections, or other future governmental grants or issuances of any type related to the Patents; and
- (d) causes of action and enforcement rights of any kind under, or on account of, any of the Patents and/or any of the items described in either of the foregoing categories (b) or (c), including, without limitation, all causes of action, enforcement rights and all other rights to seek and obtain any other remedies of any kind for past, current and future infringement.

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Assignor will, at the reasonable request of Assignee, take all reasonable steps necessary and proper, to confirm the assignment to Assignee of the Assigned Patent Rights pursuant to this Assignment of Patent Rights, including without limitation, the execution, acknowledgment, and recordation of specific assignments, oaths, declarations, and other documents on a country-bycountry basis, to assist Assignee in obtaining and perfecting the Assigned Patent Rights.

ASSIG	GNOR:	
Inteli	LLECTUAL VENTURES ASSETS 123 LLC	
By: Name: Title:	JIM WESSED PERSON	
	STATE OF (Cashington) )  (COUNTY OF King)  On (MC ) 7 2018   hefore mes 10 0 kg   1 2 mg	\sqrt{0.01} Notary
	On Occ 17, 2018 , before me, Dance Que Public in and for said State, personally appeared Direction (Land known to me (or proved to me on the basis of satisfactory eviden name is subscribed to the within instrument and acknowledged to the same in his/her authorized capacity, and that by his/her signal person, or the entity upon behalf of which the person acted, executive to the control of the c	ce) to be the person whose o me that he/she executed ture on the instrument the
	WITNESS my hand and official seal.	
	Signature Janua (Sea	(1)
	My Commission expires: Feb (8) 2019	VICE L. GOEBEL OF ARY PUBLIC NATE OF WASHINGTON DIMMISSION EXPIRES EBRUARY 9, 2019
ASSIG	GNEE:	(2) (1) (1) (1) (1) (1) (1) (1) (1) (1) (1
MEC N	MANAGEMENT LLC	
By: Name: Title:	:	
	STATE OF)) ss. COUNTY OF)	
	COUNTY OF)	
	On, before me,	o me that he/she executed ture on the instrument the

# **ASSIGNOR:**

INTEL	LECTUAL VENTURES ASSETS 123 LEC
By:	
Name: Title:	
1100.	
	STATE OF)
	COUNTY OF)ss.
	On, before me,
	WITNESS my hand and official seal.
	Signature (Seal)
	Notary Public,
	My Commission expires:
ASSIG	SNEE:
MEC I	MANAGEMENT LLC
Ву:	(LTP-y
Name:	Clarence & Berry
Title:	STATE OF North Dakok
	COUNTY OF Ward )ss.
	On 12/17/18, before me, Clay Lales, Notary Public in and for said State, personally appeared Clavence Obercy, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.	
Signature Co Kell.	(Seal)
Notary Public, Clay Kallias	CLAY KALUAS
My Commission expires:	Notary Public State of North Dakota
	Sin Commission Expires May 14, 2022