PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5599736

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

Name:	MEC MANAGEMENT, LLC
Street Address:	3949 HWY 8
City:	NEW TOWN
State/Country:	NORTH DAKOTA
Postal Code:	58763

PROPERTY NUMBERS Total: 45

Property Type	Number
PCT Number:	US2001004584
PCT Number:	US2000020434
PCT Number:	US2000009561
Application Number:	60178113
Application Number:	60109934
PCT Number:	US1999028041
Patent Number:	6973505
Application Number:	60022714
Patent Number:	5987464
Application Number:	60125531
Application Number:	60130136
Application Number:	60135751
Application Number:	60143859
Application Number:	60152015
Application Number:	60153336
Application Number:	60153594
Application Number:	60154411
Application Number:	60155367
Application Number:	60157075
Application Number:	60160125

PATENT REEL: 049644 FRAME: 0100

505552935

Property Type	Number
Patent Number:	6442549
Application Number:	60175825
PCT Number:	US2000007741
PCT Number:	US2000010883
Patent Number:	7010568
Application Number:	09658434
PCT Number:	US2001008048
PCT Number:	US2001007917
Application Number:	09682351
Application Number:	09683481
Application Number:	10064863
Application Number:	10064864
Application Number:	15596703
Application Number:	60219983
PCT Number:	US2000021020
Application Number:	09680992
PCT Number:	US2000028646
PCT Number:	US2000028653
PCT Number:	US2000028658
Patent Number:	7032000
Application Number:	11955871
Application Number:	60131249
Application Number:	60169744
Application Number:	60186052
PCT Number:	US2000011232

CORRESPONDENCE DATA

Fax Number: (404)393-3818

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 4042606104

Email: rgaskins@kasowitz.com **Correspondent Name:** RALPH E. GASKINS

Address Line 1: 1349 WEST PEACHTREE STREET NW SUITE 1500

Address Line 2: KASOWITZ BENSON TORRES LLP Address Line 4: ATLANTA, GEORGIA 30309-2029

ATTORNEY DOCKET NUMBER:	12239901	
NAME OF SUBMITTER:	RALPH E. GASKINS	
SIGNATURE:	/s/Ralph E. Gaskins	

DATE SIGNED:	07/01/2019	
Total Attachments: 12		
source=Newcastle 14 B1 Patent Assign	ments#page1.tif	
source=Newcastle 14 B1 Patent Assign	ments#page2.tif	
source=Newcastle 14 B1 Patent Assign	ments#page3.tif	
source=Newcastle 14 B1 Patent Assign	ments#page4.tif	
source=Newcastle 14 B1 Patent Assign	ments#page5.tif	
source=Newcastle 14 B1 Patent Assign	ments#page6.tif	
source=Newcastle 14 B1 Patent Assignments#page7.tif		
source=Newcastle 14 B1 Patent Assignments#page8.tif		
source=Newcastle 14 B1 Patent Assignments#page9.tif		
source=Newcastle 14 B1 Patent Assignments#page10.tif		
source=Newcastle 14 B1 Patent Assignments#page11.tif		
source=Newcastle 14 B1 Patent Assignments#page12.tif		

ASSIGNMENT OF RIGHTS IN CERTAIN ASSETS

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"), its right, title, and interest in and to any and all of the following provisional patent applications, patent applications, patents, and other governmental grants or issuances of any kind (the "Certain Assets"):

<u>Patent/</u>		<u>Issue Date/</u>	
Application Number	Country	Filing Date	Title of Patent and Inventors
PCT/US2001/004584	WO	2/12/2001	PRIVACY ENHANCED METHOD AND APPARATUSES FOR CONDUCTING ELECTRONIC COMMUNICATIONS
PCT/US2000/020434	WO	7/27/2000	Swain W. Porter ENHANCED SERVICE PLATFORM WITH SECURE SYSTEM AND METHOD FOR SUBSCRIBER PROFILE CUSTOMIZATION SHANKARAPPA VIJAY; NESTORIAK JOHN III; BURGER ERIC W
EP1198754 (EP00950769.0)	EP	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

Application Number Country Filing Date Title of Patent and Inventors	Patent/		Issue Date/	
(IL147844) (7/27/2000) PLATFORM WITH SECURE SYSTEM AND METHOD FOR SUBSCRIBER PROFILE CUSTOMIZATION SHANKARAPPA VIJAY; BURGER ERIC W; NESTORIAK JOHN III EP2302523 (EP10180337.7) EP 10/31/2018 (7/27/2000) EP4ATFORM WITH SECURE SYSTEM AND METHOD FOR SUBSCRIBER PROFILE CUSTOMIZATION SHANKARAPPA VIJAY; BURGER ERIC W; NESTORIAK JOHN III PCT/US2000/009561 WO 4/11/2000 FOR SUBSCRIBER PROFILE CUSTOMIZATION SHANKARAPPA VIJAY; BURGER ERIC W; NESTORIAK JOHN III NETWORK BASED MAII. ATTACHMENT STORAGE SYSTEM AND METHOD JORDAN MORTHOD JORDAN MORTHOD JORDAN SYSTEM AND METHOD COMMUNICATION COMMUNICATION DELIVERY VERIFICATION SYSTEM PCT/US1999/028041 WO 11/24/1999 AN ELECTRONIC COMMUNICATION DELIVERY CONFIRMATION AND VERIFICATION SYSTEM Francis H. Flynn; Jeffrey			Filing Date	Title of Patent and Inventors
SYSTEM AND METHOD FOR SUBSCRIBER PROFILE CUSTOMIZATION		IL		ENHANCED SERVICE
FOR SUBSCRIBER PROFILE CUSTOMIZATION	(IL147844)		(7/27/2000)	PLATFORM WITH SECURE
PROFILE CUSTOMIZATION				SYSTEM AND METHOD
CUSTOMIZATION SHANKARAPPA VIJAY; BURGER ERIC W; NESTORIAK JOHN III				FOR SUBSCRIBER
SHANKARAPPA VIJAY; BURGER ERIC W; NESTORIAK JOHN III EP2302523 (EP10180337.7) EP 10/31/2018 ENHANCED SERVICE (7/27/2000) PLATFORM WITH SECURE SYSTEM AND METHOD FOR SUBSCRIBER PROFILE CUSTOMIZATION SHANKARAPPA VIJAY; BURGER ERIC W; NESTORIAK JOHN III PCT/US2000/009561 WO 4/11/2000 NETWORK BASED MAIL ATTACHMENT STORAGE SYSTEM AND METHOD Jordan Pollack 60/178113 US 1/26/2000 Paging and scrolling position indicator Donald B. Bergstedt 60/109934 US 11/25/1998 ELECTRONIC COMMUNICATION DELIVERY VERIFICATION SYSTEM Francis Flynn; PCT/US1999/028041 WO 11/24/1999 AN ELECTRONIC COMMUNICATION DELIVERY CONFIRMATION AND VERIFICATION SYSTEM Francis H. Flynn; Jeffrey				
BURGER ERIC W; NESTORIAK JOHN III				CUSTOMIZATION
BURGER ERIC W; NESTORIAK JOHN III				SHANKARAPPA VIIAY
NESTORIAK JOHN III				·
EP2302523				/
(EP10180337.7) (7/27/2000) PLATFORM WITH SECURE SYSTEM AND METHOD FOR SUBSCRIBER PROFILE CUSTOMIZATION SHANKARAPPA VIJAY; BURGER ERIC W; NESTORIAK JOHN III PCT/US2000/009561 WO 4/11/2000 NETWORK BASED MAIL ATTACHMENT STORAGE SYSTEM AND METHOD Jordan Pollack 60/178113 US 1/26/2000 Paging and scrolling position indicator Donald B. Bergstedt ELECTRONIC COMMUNICATION DELIVERY VERIFICATION SYSTEM Francis Flynn; PCT/US1999/028041 WO 11/24/1999 AN ELECTRONIC COMMUNICATION DELIVERY VERIFICATION DELIVERY CONFIRMATION AND VERIFICATION SYSTEM Francis H. Flynn; Jeffrey	EP2302523	EP	10/31/2018	
SYSTEM AND METHOD FOR SUBSCRIBER PROFILE CUSTOMIZATION SHANKARAPPA VIJAY; BURGER ERIC W; NESTORIAK JOHN III PCT/US2000/009561 WO 4/11/2000 NETWORK BASED MAIL ATTACHMENT STORAGE SYSTEM AND METHOD Jordan Pollack 60/178113 US 1/26/2000 Paging and scrolling position indicator Donald B. Bergstedt 60/109934 US 11/25/1998 ELECTRONIC COMMUNICATION DELIVERY VERIFICATION SYSTEM Francis Flynn; PCT/US1999/028041 WO 11/24/1999 AN ELECTRONIC COMMUNICATION DELIVERY CONFIRMATION AND VERIFICATION SYSTEM Francis H. Flynn; Jeffrey	1		1	
FOR SUBSCRIBER PROFILE CUSTOMIZATION SHANKARAPPA VIJAY; BURGER ERIC W; NESTORIAK JOHN III PCT/US2000/009561 WO 4/11/2000 NETWORK BASED MAIL ATTACHMENT STORAGE SYSTEM AND METHOD Jordan Pollack 60/178113 US 1/26/2000 Paging and scrolling position indicator Donald B. Bergstedt 60/109934 US 11/25/1998 ELECTRONIC COMMUNICATION DELIVERY VERIFICATION SYSTEM Francis Flynn; PCT/US1999/028041 WO 11/24/1999 AN ELECTRONIC COMMUNICATION DELIVERY CONFIRMATION AND VERIFICATION SYSTEM Francis H. Flynn; Jeffrey			(112112000)	1
PROFILE CUSTOMIZATION SHANKARAPPA VIJAY; BURGER ERIC W; NESTORIAK JOHN III PCT/US2000/009561 WO 4/11/2000 NETWORK BASED MAIL ATTACHMENT STORAGE SYSTEM AND METHOD Jordan Pollack Paging and scrolling position indicator Donald B. Bergstedt 60/109934 US 11/25/1998 ELECTRONIC COMMUNICATION DELIVERY VERIFICATION SYSTEM Francis Flynn; PCT/US1999/028041 WO 11/24/1999 AN ELECTRONIC COMMUNICATION DELIVERY CONFIRMATION AND VERIFICATION SYSTEM Francis H. Flynn; Jeffrey				
CUSTOMIZATION SHANKARAPPA VIJAY; BURGER ERIC W; NESTORIAK JOHN III PCT/US2000/009561 WO 4/11/2000 NETWORK BASED MAIL ATTACHMENT STORAGE SYSTEM AND METHOD Jordan Pollack Paging and scrolling position indicator Donald B. Bergstedt 60/109934 US 11/25/1998 ELECTRONIC COMMUNICATION DELIVERY VERIFICATION SYSTEM Francis Flynn; PCT/US1999/028041 WO 11/24/1999 AN ELECTRONIC COMMUNICATION DELIVERY CONFIRMATION AND VERIFICATION SYSTEM Francis H. Flynn; Jeffrey				
SHANKARAPPA VIJAY; BURGER ERIC W; NESTORIAK JOHN III PCT/US2000/009561 WO 4/11/2000 NETWORK BASED MAIL ATTACHMENT STORAGE SYSTEM AND METHOD Jordan Pollack 60/178113 US 1/26/2000 Paging and scrolling position indicator Donald B. Bergstedt ELECTRONIC COMMUNICATION DELIVERY VERIFICATION SYSTEM PCT/US1999/028041 WO 11/24/1999 AN ELECTRONIC COMMUNICATION DELIVERY CONFIRMATION AND VERIFICATION SYSTEM Francis H. Flynn; Jeffrey				
BURGER ERIC W; NESTORIAK JOHN III PCT/US2000/009561 WO 4/11/2000 NETWORK BASED MAIL ATTACHMENT STORAGE SYSTEM AND METHOD Jordan Pollack Paging and scrolling position indicator Donald B. Bergstedt 60/109934 US 11/25/1998 ELECTRONIC COMMUNICATION DELIVERY VERIFICATION SYSTEM Francis Flynn; PCT/US1999/028041 WO 11/24/1999 AN ELECTRONIC COMMUNICATION DELIVERY CONFIRMATION AND VERIFICATION SYSTEM Francis H. Flynn; Jeffrey				COSTONIZATION
BURGER ERIC W; NESTORIAK JOHN III PCT/US2000/009561 WO 4/11/2000 NETWORK BASED MAIL ATTACHMENT STORAGE SYSTEM AND METHOD Jordan Pollack Paging and scrolling position indicator Donald B. Bergstedt 60/109934 US 11/25/1998 ELECTRONIC COMMUNICATION DELIVERY VERIFICATION SYSTEM Francis Flynn; PCT/US1999/028041 WO 11/24/1999 AN ELECTRONIC COMMUNICATION DELIVERY CONFIRMATION AND VERIFICATION SYSTEM Francis H. Flynn; Jeffrey				SHANKARAPPA VIJAY:
PCT/US2000/009561 WO 4/11/2000 NETWORK BASED MAIL ATTACHMENT STORAGE SYSTEM AND METHOD Jordan Pollack 60/178113 US 1/26/2000 Paging and scrolling position indicator Donald B. Bergstedt ELECTRONIC COMMUNICATION DELIVERY VERIFICATION SYSTEM Francis Flynn; PCT/US1999/028041 WO 11/24/1999 AN ELECTRONIC COMMUNICATION DELIVERY CONFIRMATION AND VERIFICATION SYSTEM Francis H. Flynn; Jeffrey				· 1
ATTACHMENT STORAGE SYSTEM AND METHOD Jordan Pollack 60/178113 US 1/26/2000 Paging and scrolling position indicator Donald B. Bergstedt 60/109934 US 11/25/1998 ELECTRONIC COMMUNICATION DELIVERY VERIFICATION SYSTEM Francis Flynn; PCT/US1999/028041 WO 11/24/1999 AN ELECTRONIC COMMUNICATION DELIVERY CONFIRMATION AND VERIFICATION SYSTEM Francis H. Flynn; Jeffrey				NESTORIAK JOHN III
SYSTEM AND METHOD Jordan Pollack 60/178113 US 1/26/2000 Paging and scrolling position indicator Donald B. Bergstedt ELECTRONIC COMMUNICATION DELIVERY VERIFICATION SYSTEM Francis Flynn; PCT/US1999/028041 WO 11/24/1999 AN ELECTRONIC COMMUNICATION DELIVERY CONFIRMATION DELIVERY CONFIRMATION AND VERIFICATION SYSTEM Francis H. Flynn; Jeffrey	PCT/US2000/009561	WO	4/11/2000	NETWORK BASED MAIL
Jordan Pollack 60/178113 US 1/26/2000 Paging and scrolling position indicator Donald B. Bergstedt 60/109934 US 11/25/1998 ELECTRONIC COMMUNICATION DELIVERY VERIFICATION SYSTEM Francis Flynn; PCT/US1999/028041 WO 11/24/1999 AN ELECTRONIC COMMUNICATION DELIVERY COMMUNICATION DELIVERY CONFIRMATION AND VERIFICATION SYSTEM Francis H. Flynn; Jeffrey				ATTACHMENT STORAGE
60/178113 US 1/26/2000 Paging and scrolling position indicator Donald B. Bergstedt 60/109934 US 11/25/1998 ELECTRONIC COMMUNICATION DELIVERY VERIFICATION SYSTEM Francis Flynn; PCT/US1999/028041 WO 11/24/1999 AN ELECTRONIC COMMUNICATION DELIVERY CONFIRMATION AND VERIFICATION SYSTEM Francis H. Flynn; Jeffrey				SYSTEM AND METHOD
60/178113 US 1/26/2000 Paging and scrolling position indicator Donald B. Bergstedt 60/109934 US 11/25/1998 ELECTRONIC COMMUNICATION DELIVERY VERIFICATION SYSTEM Francis Flynn; PCT/US1999/028041 WO 11/24/1999 AN ELECTRONIC COMMUNICATION DELIVERY CONFIRMATION AND VERIFICATION SYSTEM Francis H. Flynn; Jeffrey				Lordon Pollook
Donald B. Bergstedt 60/109934 US 11/25/1998 ELECTRONIC COMMUNICATION DELIVERY VERIFICATION SYSTEM Francis Flynn; PCT/US1999/028041 WO 11/24/1999 AN ELECTRONIC COMMUNICATION DELIVERY COMMUNICATION DELIVERY CONFIRMATION AND VERIFICATION SYSTEM Francis H. Flynn; Jeffrey	60/178113	118	1/26/2000	
Donald B. Bergstedt 60/109934 US 11/25/1998 ELECTRONIC COMMUNICATION DELIVERY VERIFICATION SYSTEM Francis Flynn; PCT/US1999/028041 WO 11/24/1999 AN ELECTRONIC COMMUNICATION DELIVERY CONFIRMATION AND VERIFICATION SYSTEM Francis H. Flynn; Jeffrey	00/1/0113	0.5	172072000	
60/109934 US 11/25/1998 ELECTRONIC COMMUNICATION DELIVERY VERIFICATION SYSTEM Francis Flynn; PCT/US1999/028041 WO 11/24/1999 AN ELECTRONIC COMMUNICATION DELIVERY COMMUNICATION DELIVERY CONFIRMATION AND VERIFICATION SYSTEM Francis H. Flynn; Jeffrey				marcator
COMMUNICATION DELIVERY VERIFICATION SYSTEM Francis Flynn; PCT/US1999/028041 WO 11/24/1999 AN ELECTRONIC COMMUNICATION DELIVERY CONFIRMATION AND VERIFICATION SYSTEM Francis H. Flynn; Jeffrey				Donald B. Bergstedt
DELIVERY VERIFICATION SYSTEM Francis Flynn; PCT/US1999/028041 WO 11/24/1999 AN ELECTRONIC COMMUNICATION DELIVERY CONFIRMATION AND VERIFICATION SYSTEM Francis H. Flynn; Jeffrey	60/109934	US	11/25/1998	ELECTRONIC
SYSTEM Francis Flynn; PCT/US1999/028041 WO 11/24/1999 AN ELECTRONIC COMMUNICATION DELIVERY CONFIRMATION AND VERIFICATION SYSTEM Francis H. Flynn; Jeffrey				COMMUNICATION
PCT/US1999/028041 WO 11/24/1999 AN ELECTRONIC COMMUNICATION DELIVERY CONFIRMATION AND VERIFICATION SYSTEM Francis H. Flynn; Jeffrey				DELIVERY VERIFICATION
PCT/US1999/028041 WO 11/24/1999 AN ELECTRONIC COMMUNICATION DELIVERY CONFIRMATION AND VERIFICATION SYSTEM Francis H. Flynn; Jeffrey				SYSTEM
PCT/US1999/028041 WO 11/24/1999 AN ELECTRONIC COMMUNICATION DELIVERY CONFIRMATION AND VERIFICATION SYSTEM Francis H. Flynn; Jeffrey				Evanaia Elema
COMMUNICATION DELIVERY CONFIRMATION AND VERIFICATION SYSTEM Francis H. Flynn; Jeffrey	PCT/LIS1000/028041	WO	11/24/1000	
DELIVERY CONFIRMATION AND VERIFICATION SYSTEM Francis H. Flynn; Jeffrey	1 01/001373/020041	***	11/24/1999	
CONFIRMATION AND VERIFICATION SYSTEM Francis H. Flynn; Jeffrey				!
VERIFICATION SYSTEM Francis H. Flynn; Jeffrey				!
Francis H. Flynn; Jeffrey				i i
				VERIFICATION SYSTEM
				Francis H. Flynn: Jeffrey

Patent/		Issue Date/	
Application Number	Country	Filing Date	Title of Patent and Inventors
EP00911233.5	EP	3/21/2000	SYSTEM AND METHOD
			FOR QUICK
			DOWNLOADING OF
			ELECTRONIC FILES
			Mordechay Miron
6973505	US	12/6/2005	NETWORK RESOURCE
(09/644587)		(8/23/2000)	ACCESS METHOD,
			PRODUCT, AND
			APPARATUS
			Eric Schneider
60/022714	US	7/26/1996	METHOD OF
			INFORMATION DELIVERY
			AND USE
			Eric Schneider
5987464	US	11/16/1999	METHOD AND SYSTEM
(08/900437)		(7/25/1997)	FOR PERIODICALLY
,		(, , , , , , , , , , , , , , , , , , ,	UPDATING DATA
			RECORDS HAVING AN
			EXPIRY TIME
			Eric Schneider
60/125531	US	3/22/1999	METHOD AND SYSTEM
		C C C C C C C C C C	FOR THE EMULATION OF
			NAME SPACE
			Eric Schneider
60/130136	US	4/20/1999	METHOD AND SYSTEM
			FOR INTEGRATING
			RESOURCE LOCATION
			AND REGISTRATION
			SERVICES
			Eric Schneider
60/135751	US	5/25/1999	METHOD AND SYSTEM
			FOR NAME SPACE
			RESOLUTION
			Eric Schneider
			Litto Contitotaol

3

Patent/		Issue Date/	
Application Number	<u>Country</u>	Filing Date	Title of Patent and Inventors
60/143859	US	7/15/1999	METHOD AND
			APPARATUS FOR
			GENERATION,
			REGISTRATION,
			RESOLUTION, AND
			EMULATION OF NAME
			SPACE
			Eric Schneider
60/152015	US	9/1/1999	METHOD AND
00, 132013		3/1/1333	APPARATUS FOR USING A
			PORTION OF A URI AS A
			SEARCH REQUEST
			Eric Schneider; Steven
			Schneider; Daniel V. Heintz
60/153336	US	9/10/1999	METHOD, PRODUCT, AND
	ļ		APPARATUS FOR
			PROCESSING A DATA
			REQUEST
			Evia Sahasidan
60/153594	US	9/13/1999	Eric Schneider METHOD AND
00/133394	US	9/13/1999	APPARATUS FOR USING A
	1		PORTION OF A URI TO
			SELECT AND DISPLAY
			ADVERTISING
			AD VERTION C
			Eric Schneider
60/154411	US	9/17/1999	METHOD AND
			APPARATUS FOR THE
			NOTIFICATION OF NEW
			RESOURCES
			F ' 0 1 '1
60/155367	US	0/20/1000	Eric Schneider METHOD AND
00/133307	US	9/20/1999	APPARATUS FOR
			GENERATING HYPERLINK
			REFERENCES FROM
			SPELL CHECKING
			GI ELL CHECKING
			Eric Schneider; Daniel V.
			Heintz

Patent/		<u>Issue Date/</u>	
Application Number	Country	Filing Date	Title of Patent and Inventors
60/157075	US	10/1/1999	METHOD AND
			APPARATUS FOR
			INTEGRATING RESOURCE
			LOCATION AND
			REGISTRATION SERVICES
			OF VALID AND
			FICTITIOUS DOMAIN
			NAMES
			Pois Calendidae
60/160125	US	10/18/1999	Eric Schneider METHOD AND SYSTEM
00/100125	08	10/18/1999	1
			FOR INTEGRATING
			RESOURCE LOCATION,
			SEARCH SERVICES, AND REGISTRATION SERVICES
			REGISTRATION SERVICES
			Eric Schneider
6442549	US	8/27/2002	METHOD, PRODUCT, AND
(09/440606)		(11/15/1999)	APPARATUS FOR
			PROCESSING REUSABLE
			INFORMATION
			Eric Schneider
60/175825	US	1/13/2000	METHOD AND
00/1/3023	05	1) 13/2000	APPARATUS FOR
			DETERMINING THE
			AVAILABILITY OF
			SIMILAR IDENTIFIERS
			ACROSS NAMING
			SYSTEMS
			Eric Schneider
PCT/US2000/007741	WO	3/22/2000	FICTITIOUS DOMAIN
			NAME METHOD,
			PRODUCT, AND
			APPARATUS
			Two Calmaidas
PCT/HS2000/010882	WO	4/20/2000	
1 01/032000/010003	WO	4/20/2000	
			with Domain Name Resolution
			Eric Schneider
PCT/US2000/00/741 PCT/US2000/010883	wo	4/20/2000	NAME METHOD, PRODUCT, AND APPARATUS Eric Schneider Method for Integrating Domain Name Registration with Domain Name Resolution

5

Patent/		Issue Date/	
Application Number	Country	Filing Date	Title of Patent and Inventors
7010568	US	3/7/2006	SEARCH ENGINE
(09/643584)		(8/22/2000)	REQUEST METHOD,
			PRODUCT, AND
	i		APPARATUS
			Eric Schneider; Steven
			Schneider; Daniel V. Heintz
09/658434	US	9/8/2000	DATA SPELL CHECK
			METHOD, PRODUCT,
			APPARATUS, AND USER
			INTERFACE SYSTEM
			Daniel V Heintz; Eric
			Schneider
PCT/US2001/008048	WO	3/13/2001	Method, Product, and
			Apparatus for Requesting a
			Network Resource
			Eric Schneider
PCT/US2001/007917	WO	3/13/2001	Fictitious Domain Name
1 C 1/ C 32 00 1/ 00 / 9 1 /	WO	3/13/2001	
			Method, Product, and Apparatus
			Apparatus
			Eric Schneider
09/682351	US	8/23/2001	FICTITIOUS DOMAIN
			NAME METHOD, SYSTEM,
			PRODUCT, AND
			APPARATUS
			Inventorship not available
09/683481	US	1/5/2002	IDENTIFIER PROCESSING
			METHOD, PRODUCT, AND
			APPARATUS
10/06/062	110	0/04/06/07	Eric Schneider
10/064863	US	8/24/2002	METHODS, PRODUCTS,
			SYSTEMS, AND DEVICES
			FOR PROCESSING
			REUSABLE INFORMATION
			Eric Schneider

Patent/		Issue Date/	
Application Number	Country	Filing Date	Title of Patent and Inventors
10/064864	US	8/25/2002	METHODS, PRODUCTS,
			SYSTEMS, AND DEVICES
			FOR PROCESSING
			REUSABLE INFORMATION
			Eric Schneider
15/596703	US	5/16/2017	METHODS, SYSTEMS,
			PRODUCTS, AND DEVICES
			FOR PROCESSING DNS
			FRIENDLY IDENTIFIERS
			Eric Schneider
60/219983	US	7/21/2000	PEER-TO-PEER
			AUTOMATED
			ANONYMOUS
			ASYNCHRONOUS FILE
			SHARING
1			Mike Meadway; Gary Tripp
PCT/US2000/021020	WO	8/1/2000	INDEXING A NETWORK
			WITH AGENTS
			DUGUAY CLAUDE E;
			MEADWAY MICHAEL D;
AU200065098	AU	9/1/2000	TRIPP GARY W
AU200003098	AU	8/1/2000	INDEXING A NETWORK WITH AGENTS
			WIIII AGENTS
•			MEADWAY MICHAEL D;
			DUGUAY CLAUDE E;
			TRIPP GARY W
EP00952390.3	EP	8/1/2000	INDEXING A NETWORK
			WITH AGENTS
			TRIPP GARY W;
			MEADWAY MICHAEL D;
			DUGUAY CLAUDE E
09/680992	US	10/6/2000	CONTINUOUS
			AVAILABILITY UPDATING
			OF MULTIPLE MEMORIES
			Unable to Verify

Patent/		Issue Date/	
Application Number	Country	Filing Date	Title of Patent and Inventors
PCT/US2000/028646	WO	10/13/2000	CONTINUOUS
			AVAILABILITY UPDATING
			OF MULTIPLE MEMORIES
			MEADWAY MICHAEL D;
			TRIPP GARY W
EP00972220.8	EP	10/13/2000	CONTINUOUS
			AVAILABILITY UPDATING
			OF MULTIPLE MEMORIES
			MEADWAY MICHAEL D;
			TRIPP GARY W
PCT/US2000/028653	WO	10/13/2000	INDEX CARDS ON
			NETWORK HOSTS FOR
			SEARCHING, RATING AND
			RANKING
			TRIPP GARY W;
			MEADWAY MICHAEL D;
			DUGUAY CLAUDE E
EP00972222.4	EP	10/13/2000	INDEX CARDS ON
			NETWORK HOSTS FOR
			SEARCHING, RATING,
			AND RANKING
			DUGUAY CLAUDE E;
			TRIPP GARY W;
			MEADWAY MICHAEL D
PCT/US2000/028658	WO	10/13/2000	DATA DRIVEN DISCRETE
			PARALLEL PROCESSING
			MEADWAY MICHAEL D;
			TRIPP GARY W
EP00973586.1	EP	10/13/2000	DATA DRIVEN DISCRETE
			PARALLEL PROCESSING
			MEADWAY MICHAEL D;
			TRIPP GARY W
7032000	US	4/18/2006	PEER-TO-PEER
(10/688361)		(10/17/2003)	AUTOMATED
			ANONYMOUS
			ASYNCHRONOUS FILE
			SHARING
			Tripp, Gary W.

Patent/		Issue Date/	
Application Number	Country	Filing Date	Title of Patent and Inventors
11/955871	US	12/13/2007	METHOD FOR USING
			AGENTS TO CREATE A
			COMPUTER INDEX
			CORRESPONDING TO THE
			CONTENTS OF
			NETWORKED
			COMPUTERS
			·
			Gary W.; Tripp
60/131249	US	4/27/1999	METHOD AND
			APPARATUS FOR
			DETERMINING USER
			PREFERRED TEXT FROM
			INTERNET OR INTRANENT
			DATA
			G. SCOTT HIRSCH
60/169744	US	12/8/1999	METHOD AND
			APPARATUS FOR
			EFFICIENTLY USING THE
			INTERNET FROM A CELL
			PHONE, HANDHELD
			DEVICE OR PC
			SCOTT HIRSCH
60/186052	US	2/29/2000	Method and apparatus for
			information access from
			multiple access platforms
			Scott Hirsch
PCT/US2000/011232	WO	4/27/2000	METHOD AND
			APPARATUS FOR
			IMPROVED DEVICE-
			DEPENDENT
		***************************************	REPRESENTATION OF
			DATA
			HIRSCH SCOTT

Assignor assigns to Assignee all of its rights to the inventions, invention disclosures, and discoveries in the assets listed above, together, with its rights, if any, to revive prosecution of claims under such assets and to suc or otherwise enforce any claims under such assets for past, present or future infringement.

Assignor hereby authorizes the respective patent office or governmental agency in each jurisdiction to make available to Assignee all records regarding the Certain Assets.

The terms and conditions of this Assignment of Rights in Certain Assets will inure to the benefit of Assignee, its successors, assigns, and other legal representatives and will be binding upon Assignor, its successors, assigns, and other legal representatives.

IN WITNESS WHEREOF this Assignment of Rights in Con /2/17/8, 2018, to be effective as of \2\17	Certain Assets is executed \\\2018_, 2018.
ASSIGNOR:	,
INTELLECTUAL VENTURES ASSETS 123 LLC	
By: A MASTIELD Title: ANTHORIZED PERSON	
STATE OF <u>Exclusion</u>))ss. COUNTY OF <u>King</u>)	
On <u>Out 11 2018</u> , before me, <u>Out 12</u> Public in and for said State, personally appeared how to me (or proved to me on the basis of satisfactory name is subscribed to the within instrument and acknowled the same in his/her authorized capacity, and that by his/her person, or the entity upon behalf of which the person acte	evidence) to be the person whose edged to me that he/she executed or signature on the instrument the
WITNESS my hand and official seal. Signature Januar L. Juli	(Seal)
Notary Public, Stale of Washington	JANICE L. GOEBEL
My Commission expires: 120 09 2019	STATE OF WASHINGTON COMMISSION EXPIRES
ASSIGNEE:	FEBRUARY 9, 2019
MEC MANAGEMENT LLC	
By: Name: Title:	
STATE OF)	
)ss. COUNTY OF)	

The terms and conditions of this Assignment of Rights in Certain Assets will inure to the benefit of Assignee, its successors, assigns, and other legal representatives and will be binding upon Assignor, its successors, assigns, and other legal representatives.

on	IN WITNESS WHEREOF this Assignment of, 2018, to be effective as of	Rights in Certain Assets is executed, 2018.
ASSI(GNOR:	
Intel	LECTUAL VENTURES ASSETS 123 LLC	
By: Name: Title:		
	STATE OF) ss. COUNTY OF)	
	On, before more Notary Public in and for said State, personal personally known to me (or proved to me on the person whose name is subscribed to the within he/she executed the same in his/her authorized the instrument the person, or the entity upon the instrument.	he basis of satisfactory evidence) to be the instrument and acknowledged to me that I capacity, and that by his/her signature on
	WITNESS my hand and official seal.	
	Signature	(Seal)
	Notary Public,	-
	My Commission expires:	
ASSIC	GNEE:	
MEC	Management LLC	
	Clarence O'Barry Pres.	

STATE OF North Dalcola	
COUNTY OF Ward)ss.	
On 12/17/18, before me, Clay Public in and for said State, personally appeared Cl known to me (or proved to me on the basis of satisf whose name is subscribed to the within instrument an executed the same in his/her authorized capacity, an instrument the person, or the entity upon behalf of wh instrument.	factory evidence) to be the person deacknowledged to me that he/she de that by his/her signature on the
WITNESS my hand and official real.	
Signature Charles All	(Seal)
Notary Public, Clay Kallias	CLAY KALIJAS
My Commission expires:	Notary Public State of North Dakota My Commission Expires May 14, 2022