502792643 05/02/2014

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2839238

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

# **CONVEYING PARTY DATA**

Name	Execution Date
CLAYTON ALEXANDER THOMSON	02/14/2014
SAMIR AHMED	02/18/2014
BASIL BADAWIYEH	02/19/2014
KENNETH ALAN RUDMAN	02/22/2014
JASON MARTELL	02/13/2014
ROGER YEH	02/12/2014
VASIL NADZAKOV	03/17/2014
RYAN CAMERON COULTER	02/14/2014
GREG ALAN MARTIN	02/11/2014
RODRIGO THOMAZ MOYSES	02/25/2014
ISAAC ANTHONY MARCHIONNA	02/27/2014
FRANCIS XAVIER-ALEXANDRE MONTAY	03/10/2014
LAURA ODONNELL-DUNN	02/18/2014

## **RECEIVING PARTY DATA**

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City:	ISSY LES MOULINEAUX
State/Country:	FRANCE
Postal Code:	92130

# **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14119822

## **CORRESPONDENCE DATA**

**Fax Number:** (609)734-6888

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

US Mail.

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**Email:** gissela.rendon@technicolor.com

Correspondent Name: ROBERT D. SHEDD, PATENT OPERATIONS

Address Line 1: PO BOX 5312

REEL: 032805 FRAME: 0812

PATENT

502792643

Address Line 4: PRIN	ICETON, NEW JERSEY 08543	
ATTORNEY DOCKET NUMBER:	PU110059	
NAME OF SUBMITTER: JOEL M. FOGELSON		
SIGNATURE:	/Joel M. Fogelson/	
DATE SIGNED:	05/02/2014	
	This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 13		
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PATENT REEL: 032805 FRAME: 0813

#### Docket PU110059

#### ASSIGNMENT AND AGREEMENT IN AN APPLICATION FOR LETTERS PATENT OF THE UNITED STATES OF AMERICA

joint I hereby declare that I am the sole inventor (if only one inventor is named below) or one of 14 inventors (if plural inventors are named below) of the VISUAL SEARCH AND RECOMMENDATION USER INTERNET AND APPARATUS under Serial No. PCT/US2012/039549 and described in the file associated with described in an Application for Patent filed on May 25, 2012 Docket No. PU110059 , listed above or, if not identified here by filing date and serial number or by the Docket Number listed above, executed by me on even date with my execution of this Assignment/Agreement.

For valuable consideration received, I hereby sell, assign and transfer to Thomson Licensing, a corporation duly organized and existing under the laws of the country of France, its successors, and assigns my entire right, title and interest, for all countries in and to said inventions, and all the rights and privileges under any and all Letters Patent that may be granted therefor, and any divisions, continuations, reissues and extensions thereof.

I agree that, when requested, I will, without charge to said corporation but at its expense, sign all papers, take all rightful oaths, make all rightful declarations and do all acts which may be necessary, desirable or convenient for securing and maintaining patents or other forms of protection for said inventions in any and all countries and for vesting title thereto in said corporation, its successors, assigns or nominees.

Lagree that I will communicate to said corporation or its representatives any facts known to me respecting said inventions and when requested by said corporation and at its expense will testify in any legal proceedings, and generally do everything possible to aid said corporation, its successors, assigns and legal representatives or nominees, to obtain or enforce proper protection for said inventions in any and all countries.

I authorize and empower said corporation, its successors, assigns or nominees, to make application for patent or other form of protection for said inventions in its or their own name, or in my/our name, in any and all countries and to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from me.

I hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said corporation or its successors, assigns or nominees to apply for patent or other proper protection for said inventions, and to claim the aforesaid benefits of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

I covenant with Thomson Licensing, its successors, assigns, legal representatives, and nominees, that to the best of my knowledge the right, title and

interest herein conveyed by me are free and clear of any encumbrance, and that I have full right to convey the same as herein expressed.

Signed at	Los Angelies, CA	Date JYFels 2014
inventor (1)	Clayton Alexander THOMSON (Type or Print)	(Signature in Full. No initials.)
F	Post Office Address 2594 Manchester Court	t, Thousand Oaks, CA 91362
1st Witness	Steve Make (Type or Print)	(Signigure in Full. No initials.)
2ndWitness	Janes Lullowitsch	Some Liver 1
Signed at		Date
Inventor (2)	Samil AHMED (Type or Print)	(Signature in Full. No initials.)
	Post Office Address 1324 M/inchester Avenu	Olambala OA 04004
_	1324 Winchester Avenu	ue, Glendale, CA 91201
1st Witness	(Type or Print)	(Signature in Full. No initials.)
2ndWitness	(Type or Print)	(Signature in Full. No initials.)
	(Type of Filly)	
Signed at		Date
Inventor (3)	Basil BADAWIYEH	
	(Type or Print)	(Signature in Full. No initials.)
F	Post Office Address 28623 Gabriel Place, S	anta Clarita, CA 91390
1st Witness		
1st Witness	(Type or Print)	(Signature in Full. No initials.)
1st Witness 2ndWitness	(Type or Print)	(Signature in Full. No initials.)

After this Assignment has been recorded please RETURN to: Patent Operations

THOMSON Licensing LLC Two Independence Way, Suite #200 Princeton, NJ 08540-6620

Pat Form Rev. 02/2013

#### ASSIGNMENT AND AGREEMENT IN AN APPLICATION FOR LETTERS PATENT OF THE UNITED STATES OF AMERICA

I bereby declare t	hat I am the sole invent	or (if only one inventor is named	d helaw) or one r	of 14 Inventors (if plural inventors are named below) of the
		•	•	ER INTERNET AND APPARATUS
ed in an Application	n for Patent filed on	May 25, 2012	under Seri	ial No. PCT/US2012/039549 and described in the file associated with
et No. <u>PU110059</u>	. listed abov	e or, if not identified here by filir	ng date and seria	al number or by the Docket Number listed above, executed by me on even
For valuable puntry of France, its nd all Letters Paten I agree that, nd do all acts which puntries and for ves	s successors, and assig t that may be granted th when requested, I will, is may be necessary, de ting title thereto in said	f. I hereby sell, assign and trans ans my entire right, title and inte herefor, and any divisions, contir without charge to said corporat estrable or convenient for secur corporation, its successors, ass	erest, for all cour nuations, reissud tion but at its exp ring and maintain signs or nominee	pense, sign all papers, take all rightful oaths, make all rightful declarations ning patents or other forms of protection for said inventions in any and all
orporation and at its epresentatives or no I authorize a its or their own m exections filed by it of provention which ma I hereby cor	s expense will testify in minees, to obtain or en- and empower said corpt ame, or in mylour nam or them, the benefit of it by henceforth be substitu- isent that a copy of this	any legat proceedings, and ga force proper protection for said pration, its successors, assigns ne, in any and all countries an he right of priority provided by the uted for it, and to invoke and cla assignment shall be deemed a	enerally do ever inventions in any or nominees, to d to invoke and he international ( alm such right of a full legal and fo	ything possible to aid said corporation, its successors, assigns and legal y and all countries.  I claim for any application for patent or other form of protection for said inventions I claim for any application for patent or other form of protection for said Convention for the Protection of Industrial Property, as amended, or by any priority without further written or oral authorization from me.  I consent to file or like document which
atent or other prop rotection of Industri I covenant	er protection for said is al Property, as amended with Thomson Licensine	inventions, and to claim the at d, or by any convention which m g, its successors, assigns, leg	foresaid benefits hay henceforth b pal representative	of the said corporation or its successors, assigns or nominees to apply for s of the right of priority provided by the International Convention for the e substituted for it. es, and nominees, that to the best of my knowledge the right, title and ight to convey the same as herein expressed.
Signed at			Date	
Inventor (1)	Clayton Ale	exander THOMSON		(Signature in Full. No initials.)
	(Type or Print)			(Signature in Full. 140 initials.)
Po	ost Office Address	2594 Manchester Co	ourt, Thousa	and Oaks, CA 91362
1st Witness				
121 44101622	(Type or Print)			(Signature in Full. No initials.)
2ndWitness				
	(Type or Print)			(Signature in Full. No initials.)
Signed at	(ULVER (	it;	Date	02/18/2014
inventor (2)	Samir AHM	1ED		5 Aug
	(Type or Print)			(Signature in Full. (No initials.)
Po	ost Office Address	1324 Winchester Av	enue, Glen	dale, CA 91201
1st Witness	(Type or Print)	manj		(Signature-in-Full, No initials.)
2ndWitness	BEN BE	FRPY	<u>_</u>	(Signature in Full. No initials)
Signed at	1.1/2		Date	
Inventor (3)	Basil BADA (Type or Print)	<u>(MIYEH</u>		(Signature in Full. No initials.)
Po	ost Office Address	28623 Gabriel Place	, Santa Cla	rita, CA 91390
1st Witness		<del></del>	•	
ist witness	(Type or Print)		<del></del>	(Signature in Full. No Initials.)
2ndWitness	(Type or Print)			(Signature in Full. No initials.)
L	(1700 OF FIRE)			(angliance of the one two strategy)

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THOMSON Licensing LLC
Two Independence Way, Suite #200
Princeton, NJ 08540-6620

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Docket PU110059

#### ASSIGNMENT AND AGREEMENT IN AN APPLICATION FOR LETTERS PATENT OF THE UNITED STATES OF AMERICA

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oed in an Applicati	on for Patent filed on	May 25, 2012	under Seria	No. PCT/US2012/039549	and described in the file associated w
et No. <u>PU11008</u>		• • • •	by filing date and serial	number or by the Docket Num	nber listed above, executed by me on eve
-	f this Assignment/Agreen		transfer to Thomason I	iconoina, a compretion duly o	recoined and evicting under the laws of the
					rganized and existing under the laws of the and all the rights and privileges under a
nd all Letters Pate	nt that may be granted th	nerefor, and any divisions,	continuations, reissues	and extensions thereof.	ightful oaths, make all rightful declaration
। agree का ind do all acts whi	at, when requested, I will, ch may be necessary, de	, without charge to said co esirable or convenient for	securing and maintain	ing patents or other forms of p	protection for said inventions in any and
ountries and for ve	esting title thereto in said	corporation, its successor	s, assigns or nominees		id inventions and when requested by sa
orporation and at	its expense will testify in	any legal proceedings, a	and generally do every	thing possible to aid said com	poration, its successors, assigns and leg
epresentatives or r authorize	nominees, to obtain or en Land empower said corpo	force proper protection for oration, its successors, as	said inventions in any sinns or nominees to	and all countries. nake application for patent or	other form of protection for said invention
n its or their own	name, or in my/our nam	ne, in any and all countri	es and to invoke and	claim for any application for I	patent or other form of protection for sa
nventions filed by i	t or them, the benefit of the	he right of priority provided uted for it, and to invoke a	I by the International C nd claim such right of r	onvention for the Protection of riority without further written o	Industrial Property, as amended, or by a
I hereby co	onsent that a copy of this	assignment shall be deep	med a full legal and for	mal equivalent of any assignm	ient, consent to file or like document whi
nay be required in satent or other pro	any country for any purp oner protection for said i	oose and more particularly inventions, and to claim t	in proof of the right of the aforesaid benefits	the said corporation or its suc of the right of priority provide	ccessors, assigns or nominees to apply f ed by the International Convention for t
rotection of Indust	rial Property, as amende	d, or by any convention wi	nich may henceforth be	substituted for it.	
ו covenani terest herein con.	t with Thomson Licensin reved by me are free and	ig, its successors, assign I clear of any encumbrance	s, legal representative e. and that I have full ri	s, and nominees, that to the jht to convey the same as here	best of my knowledge the right, title at ein expressed.
		·····		•	,
0:			Date		
Signed at			Date -		
Inventor (1)	Clayfon Ala	wander THOMEO	N I		
inventor (1)	(Type or Print)	exander THOMSO	<u> </u>	(Signature in Full. No initia	ale \
	(1 ype of Mills)			(Signature III Full. No liliti	ais.,
	Post Office Address	2594 Mancheste	r Court. Thousa	nd Oaks, CA 91362	
1st Witness	(M D. (- t)			(Cirneture in Full. No initia	ale \
	(Type or Print)			(Signature in Full. No initia	als.)
	(1)				
2ndWitness					
2ndWitness	(Type or Print)	-		(Signature in Full. No initia	als.)
			Date	(Signature in Full. No initio	als.)
2ndWitness Signed at			Date	(Signature in Full. No initi	als.)
	(Type or Print)	1FD	Date	(Signature in Full. No initi	als.)
Signed at		1ED	Date	(Signature in Full. No initi	
Signed at	(Type or Print) Samil AHM	1ED	Date		
Signed at	(Type or Print) Samil AHM	1ED		(Signature in Full. No initi	
Signed at	(Type or Print)  Samil AHM (Type or Print)			(Signature in Full. No initi	
Signed at	(Type or Print)  Samil AHM (Type or Print)  Post Office Address			(Signature in Full. No initi	als.)
Signed at	(Type or Print)  Samil AHM (Type or Print)			(Signature in Full. No initi	als.)
Signed at	(Type or Print)  Samil AHM (Type or Print)  Post Office Address  (Type or Print)			(Signature in Full. No initi lale, CA 91201 (Signature in Full. No initi	als.)
Signed at Inventor (2) 1st Witness	(Type or Print)  Samil AHM (Type or Print)  Post Office Address  (Type or Print)  (Type or Print)	1324 Wincheste	r Avenue, Glenc	(Signature in Full. No initi	als.)
Signed at Inventor (2) 1st Witness	(Type or Print)  Samil AHM (Type or Print)  Post Office Address  (Type or Print)  (Type or Print)	1324 Wincheste	r Avenue, Glenc	(Signature in Full. No initi lale, CA 91201 (Signature in Full. No initi	als.)
Signed at Inventor (2) 1st Witness 2ndWitness	(Type or Print)  Samil AHM (Type or Print)  Post Office Address  (Type or Print)  (Type or Print)		r Avenue, Glenc	(Signature in Full. No initi lale, CA 91201 (Signature in Full. No initi	als.)
Signed at Inventor (2) 1st Witness 2ndWitness	(Type or Print)  Samil AHM (Type or Print)  Post Office Address  (Type or Print)  (Type or Print)	1324 Wincheste	r Avenue, Glenc	(Signature in Full. No initi lale, CA 91201 (Signature in Full. No initi	als.)
Signed at Inventor (2)  1st Witness  2ndWitness  Signed at	(Type or Print)  Samil AHM (Type or Print)  Post Office Address  (Type or Print)  (Type or Print)	1324 Wincheste	r Avenue, Glenc	(Signature in Full. No initi lale, CA 91201 (Signature in Full. No initi	als.)
Signed at Inventor (2)  1st Witness  2ndWitness  Signed at	(Type or Print)  Samil AHM (Type or Print)  Post Office Address  (Type or Print)  (Type or Print)  Scalar (Landing)  Basil BADA	1324 Wincheste	r Avenue, Glenc	(Signature in Full. No initiale, CA 91201  (Signature in Full. No initial)  (Signature in Full. No initial)	als.)
Signed at Inventor (2)  1st Witness  2ndWitness  Signed at Inventor (3)	(Type or Print)  Samil AHM (Type or Print)  Post Office Address  (Type or Print)  (Type or Print)  Scalar (Landing)  Basil BADA	1324 Wincheste	r Avenue, Glenc	(Signature in Full. No initiale, CA 91201  (Signature in Full. No initial)  (Signature in Full. No initial)	als.)
Signed at Inventor (2)  1st Witness  2ndWitness  Signed at Inventor (3)	(Type or Print)  Samil AHM (Type or Print)  Post Office Address  (Type or Print)  (Type or Print)  Basil BADA (Type or Print)	1324 Wincheste	r Avenue, Glenc	(Signature in Full. No initiale, CA 91201  (Signature in Full. No initial)  (Signature in Full. No initial)	als.) als.)
Signed at Inventor (2)  1st Witness  2ndWitness  Signed at Inventor (3)	(Type or Print)  Samil AHM (Type or Print)  Post Office Address  (Type or Print)  (Type or Print)  Basil BADA (Type or Print)	1324 Wincheste	r Avenue, Glenc	(Signature in Full. No initiale, CA 91201  (Signature in Full. No initial)  (Signature in Full. No initial)	als.) als.) als.)  M. Ballingt
Signed at Inventor (2)  1st Witness  2ndWitness  Signed at Inventor (3)	(Type or Print)  Samil AHM (Type or Print)  Post Office Address  (Type or Print)  (Type or Print)  Basil BADA (Type or Print)	1324 Wincheste	r Avenue, Glenc	(Signature in Full. No initiale, CA 91201  (Signature in Full. No initial (Signature in Full. No initial)  (Signature in Full. No initial)  (Signature in Full. No initial)	als.) als.) als.)  M. Badiriya

After this Assignment has been recorded please RETURN to:

Patent Operations THOMSON Licensing LLC Two Independence Way, Suite #200 Princeton, NJ 08540-6620

Pat Form Rev. 02/2013

Signed at	Bulbank, C.A	Date	2/22/2014
Inventor (4)	Ken Alan RUDMAN (Type or Print)	<del></del>	(Signature in Full. No initials.)
F	Oost Office Address 2040 La France Avenu	e. South	
1st Witness	Adriana Andrews	کِد د	(Signature in Full, No mulals.)
2ndWitness	Mari Dobrow	_	Manu Thomas (Sonature in Full, No Initials.)
Signed at	(Type or Print)	Date	(ognature is ruin, rvo mitais.)
Inventor (5)	Jason MARTELL	- -	
F	(Type or Print)  Post Office Address 25 Morning Breeze, Irv	ine CA:	(Signature in Full. No initials.)
	23 Morning Breeze, m.		
1st Witness	(Type or Print)	<del></del>	(Signature in Full. No initials.)
2ndWitness	(Type or Print)	-	(Signature in Full. No initials.)
Signed at		Date	
Inventor (6)	Roger YEH		
""" (",	(Type or Print)	-	(Signature in Full. No initials.)
F	Post Office Address 1315 Saint Albans Roa	d, San N	Marino, CA 91108
1st Witness		_	
2ndWitness	(Type or Print)		(Signature in Full. No initials.)
Zildvviilless	(Type or Print)	<u>-</u>	(Signature in Full. No initials.)
Signed at		Date	
Inventor (7)	Vasil NADZAKOV		
intentor (1)	(Type or Print)	_	(Signature in Full. No initials.)
F	Post Office Address 8523 ½ Saturn Street,	Los Ang	eles, CA 90035
1st Witness	(Type or Print)		(Signature in Full. No initials.)
2ndWitness	(Type or Print)	-	(Signature in Full. No initials.)
Signed at		Date	
Inventor (8)	Daniel Joseph HILL		
	(Type or Print)	-	(Signature in Full. No initials.)
1	Post Office Address 1530 N. Pointsettia Pla	ice, Apt.	108, Los Angeles, CA 90046
1st Witness		_	
	(Type or Print)		(Signature in Full. No initials.)
2ndWitness	(Type or Print)	<b></b>	(Signature in Full. No initials.)

Signed at		Date	
Inventor (4)	Ken Alan RUDMAN		
	(Type or Print)		(Signature in Full. No initials.)
P	Post Office Address 2040 La France Avenue	South	Pasadena, CA 91030
1st Witness			
2ndWitness	(Type or Print)		(Signature in Full. No initials.)
Zildvilliess	(Type or Print)		(Signature in Full. No initials.)
Şigned at	1387 Red Hill De \$107	Date	Fg 13, 2014
inventor (5)	Jason MARTELL		
	(Type or Print)		(Signature in Full. No initials.)
F	Post Office Address 25 Morning Breeze, Irvin	e, CA 9	92630
1st Witness	Melissa Harris		MUNIN
	(Type or Print)		(Signature in Full. No initials.)
2ndWitness	Tinera Grtt 5		(Signature in Full: No-initials.)
Signed at		Date	
Inventor (6)	Roger YEH		
	(Type or Print)		(Signature in Full. No initials.)
F	Post Office Address 1315 Saint Albans Road	, San M	Marino, CA 91108
d =4 1AG4====			
1st Witness	(Type or Print)		(Signature in Full. No initials.)
2ndWitness	(Type or Print)		(Signature in Full, No initials.)
Signed at		Date	
Inventor (7)	Vasil NADZAKOV		
	Vasil NADZAKOV (Type or Print)		(Signature in Full, No initials.)
F	Post Office Address 8523 ½ Saturn Street, L	os Ang	eles, CA 90035
1st Witness			
	(Type or Print)		(Signature in Full. No initials.)
2ndWitness	(Type or Print)		(Signature in Full. No initials.)
Sign of at		Date	
Signed at		Date	
Inventor (8)	Daniel Joseph HILL (Type or Print)		(Signature in Fuil. No initials.)
F	Post Office Address 1530 N. Pointsettia Plac	e, Apt.	108, Los Angeles, CA 90046
1st Witness			
	(Type or Print)		(Signature in Full. No initials.)
2ndWitness	(Type or Print)		(Signature in Full. No initials,)

\$igned at		Date
Inventor (4)	Ken Alan RUDMAN	
	(Type or Print)	(Signature in Full. No initials.)
Р	Post Office Address 2040 La France Avenue	e, South Pasadena, CA 91030
1st Witness	(Type or Print)	(Signature in FuⅡ, No initials.)
2ndWitness	(Type of Print)	(Signature in Fuz. 140 minutes.)
Zirdviluiess	(Type or Print)	(Signature in Full. No initials.)
Signed at		Date
Inventor (5)	Jason MARTELL	
	(Type or Print)	(Signature in Full. No initials.)
P	Post Office Address 25 Morning Breeze, Irvir	ine, CA 92630
1st Witness	(Type or Print)	(Signature in Full. No initials.)
2ndWitness		
	(Type or Print)	(Signature in Full, No initials.)
\$igned at	San Harino, CA	Date 2/12/14
Inventor (6)	Roger YEH (Type or Print)	(Signature in Full. No initials.)
	, ,,,	
	SVI VIA PO CCI	id, San Marino, CA 91108
1st Witness	(Type of Print)	(Signature in Full. No initials.)
2ndWitness	Jessica geh	(Signature in Full, No initials.)
Signed at		Date
Inventor (7)	Vasil NADZAKOV	(Circelus in Full. Me initiale.)
_	(Type or Print)	(Signature in Full. No initials.)
	Post Office Address 8523 ½ Saturn Street, L	Los Angeles, CA 90035
1st Witness	(Type or Print)	(Signature in Fuil, No initials.)
2ndWitness	(Type or Print)	(Signature in Full, No initials.)
Signed at	V.V.	Date
_		
Inventor (8)	Daniel Joseph HILL (Type or Print)	(Signature in Full. No initials.)
F	Post Office Address 1530 N. Pointsettia Plac	ice, Apt. 108, Los Angeles, CA 90046
1st Witness		
	(Type or Print)	(Signature in Full. No initials.)
2ndWitness	(Type or Print)	(Signature in Full. No initials.)

Signed at		Date
Inventor (4)	Ken Alan RUDMAN (Type or Print)	(Signature in Full. No initials.)
Pos	st Office Address 2040 La France Avenue	nue, South Pasadena, CA 91030
1st Witness	(Type or Print)	(Signature in Full. No initials.)
2ndWitness _	(Type or Print)	(Signature in Full. No initials.)
Signed at		Date
Inventor (5)	Jason MARTELL. (Type or Print)	(Signature in Full. No initials.)
Pos	st Office Address 25 Morning Breeze, Irvi	Irvine, CA 92630
1st Witness	(Type or Print)	(Signature in Full, No initials.)
2ndWitness .	(Type or Print)	(Signature in Full. No initials.)
Signed at		Date
Inventor (6)	Roger YEH (Type or Print)	(Signature in Full. No initials.)
Po	st Office Address 1315 Saint Albans Roa	toad, San Marino, CA 91108
1st Witness	(Type or Print)	(Signature in Full. No initials.)
2ndWitness	(Type or Print)	(Signature in Full. No initials.)
Signed at 37	19 S. REXFORD DK, #1, 902	212 Date 3.17.14
Inventor (7)	Vasil NADZAKOV (Type or Print) 329 5. REXFORS	DR Valter   BH GA 90212
1st Witness	ost Office Address  8523 1/4 Saturn Street;  Vime H. Patel  (Type or Print)	et-Los Angeles CA 90035 (Signature in Full. No initials.)
2ndWitness	Ja(46- 1,25 (Type or Print)	(Signature in Full. No initials.)
Signed at		Date
Inventor (8)	Daniel Joseph HILL (Type or Print)	(Signature in Full. No initials.)
P	ost Office Address 1530 N. Pointsettia Pla	Place, Apt. 108, Los Angeles, CA 90046
1st Witness	(Type or Print)	(Signature in Full. No Initials.)
2ndWitness	(Type or Print)	(Signature in Full. No initials.)

Signed at			Date _	12.14.14
Inventor (9)	Ryan Came (Type or Print)	eron COULTER	_	(Signature in Full, the initials.)
Po	est Office Address	1420 NW Lovejoy#619	, Portlan	d, OR 97209
1st Witness	(Type or Print)		_	(Signature in Full. No initials.)
2ndWitness	(Type or Print)		<del>-</del>	(Signature in Full. No initials.)
Signed at	MANNEARAN		Date	
inventor (10)	Greg Alan N	MARTIN	_	(Signature in Full. No initials.)
Po	ost Office Address	681 SE 60 <sup>th</sup> , #681, Portlar	nd, OR 97	
1st Witness	(Type or Print)	APARAMETER		(Signature in Full. No initials.)
2ndWitness	(Type or Print)		_	(Signature in Full. No initials.)
Signed at	(Type of Trans)		Date	
inventor (11)	Rodrigo Th	omaz MOYSES		
Po	(Type or Print)	3315 NE 65 <sup>th</sup> Avenue, Po	rtland Of	(Signature în Fuli. No initials.)
1st Witness		30 TO THE GO AVEILED, TO	mana, or	COZZIO
006/4	(Type or Print)			(Signature in Full. No initials.)
2ndWitness	(Type or Print)			(Signature in Full. No initials.)
Signed at			Date _	
Inventor (12)	Isaac Antho (Type or Print)	ony MARCHIONNA	_	(Signature in Full. No initials.)
Po	ost Office Address	1200 NW Marshall Street	, Apt. 501	, Portland, OR 97215
1st Witness	(Type or Print)		_	(Signature in Full, No initials.)
2ndWitness	(Type or Print)			(Signature in Full, No initials.)
Signed at			Date _	
Inventor (13)	Francis Xav	vier-Alexandre MONTAY	_	(Signature in Full. No initials.)
Po	ost Office Address	12 rue de Flesquieres, 0 62147	Graincou	rt les Havrincourt, Pas-de-Calais, FR
1st Witness	(Type or Print)		-	(Signature in Full. No initials.)
2ndWitness	(Type or Print)	And Annual to the second secon	_	(Signature in Fuli. No initials.)

Signed at			Date		
Inventor (9)	Ryan Came (Type or Print)	eron COULTER	_	(Signature in Fuil, No initials.)	
Post Office Address 1420 NW Lovejoy#619, Portland, OR 97209					
1st Witness	(Type or Print)		_	(Signature in Full. No initials.)	
2ndWitness	(Type or Print)			(Signature in Full. No initials.)	
Signed at	Ziber De	Sar	Date	2/11/11	
Inventor (10)	Greg Alan P	MARTIN	0	(Signature in Full. No initials.)	
Po	st Office Address	681 SE 60 <sup>th</sup> , #681, Portlar	nd, OR 97	7215	
1st Witness	Fred B.	utzer		(Signature in Full). No initials	
2ndWitness	(Type or Print)	IEE		(Signaturé in Full. No initials.)	
Signed at			Date		
Inventor (11)	Rodrigo Th	omaz MOYSES		(Signature in Full, No initials.)	
Po	ost Office Address	3315 NE 65 <sup>th</sup> Avenue, Po	rtland. OF	` *	
1st Witness		, , , , , , , , , , , , , , , , , , , ,		3 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	
	(Type or Print)		_	(Signature in Full. No initials.)	
2ndWitness	(Type or Print)			(Signature in Full. No initials.)	
Signed at			Date		
Inventor (12)	Isaac Antho	ony MARCHIONNA	_	(Signature in Full. No initials.)	
Pe	ost Office Address	1200 NW Marshall Street	Ant 501	, ,	
1st Witness		1200 IVV Maishan Ottees	, Apt. 001	, Formand, Green Zio	
15t Williess	(Type or Print)		mar w	(Signature in Full. No initials.)	
2ndWitness	(Type or Print)			(Signature in Full. No initials.)	
Signed at	- marie e		Date		
Inventor (13)	Francis Xa	vier-Alexandre MONTAY		(Signature in Full. No initials.)	
Pi	ost Office Address	12 rue de Flesquieres, 0 62147	Graincou	rt les Havrincourt, Pas-de-Calais, FR	
1st Witness			_		
2ndWitness	(Type or Print)			(Signature in Full. No initials.)	
	(Type or Print)			(Signature in Full. No initials.)	

Signed at		Date .				
Inventor (9)	Ryan Cameron COULTER (Type or Print)		(Signature in Full. No initials.)			
D.		) D 4	· ·			
, rc	1420 NW Lovejoy#619	, Portl	ana, OK 9/209			
1st Witness	(Type or Print)	-	(Signature in Full. No initials.)			
2ndWitness	(Type or Print)	-	(Signature in Fuli, No initials.)			
Signed at		Date .				
Inventor (10)	Greg Alan MARTIN (Type or Print)	-	(Signature in Full. No initials.)			
Po	ost Office Address 681 SE 60 <sup>th</sup> , #681, Portla	nd, OR	97215			
1st Witness						
0	(Type or Print)		(Signature in Full. No initials.)			
2ndWitness	(Type or Print)	-	(Signature in Full. No initials.)			
Signed at	ZiBA DESIGN	Date .	2/25/2014			
Inventor (11)	Rodrigo Thomaz MOYSES (Type or Print)		Rodrico Thomas Mases			
n.		water of the	(Cognition			
	001011200 7,110,100,110	nuano, (	OR 91213			
1st Witness	TNERID CHUTTER	-	(Signature in Full. No initials.)			
2ndWitness	PATT WARDEN (Type or Print)	-	(Signature in Full. No initials.)			
Signed at	(1900 of 1411)	Date	1.2.000000			
Signed at		- Date				
Inventor (12)	Isaac Anthony MARCHIONNA (Type or Print)	-	(Signature in Full. No initials.)			
Post Office Address 1200 NW Marshall Street, Apt. 501, Portland, OR 97215						
1st Witness	(Type or Print)	-	(Signature in Full. No initials.)			
2ndWitness	(Type or Print)	-	(Signature in Full. No initials.)			
Signed at		Date -				
inventor (13)	Francis Xavier-Alexandre MONTAY (Type or Print)	_	(Signature in Full. No initials.)			
Po	12 rue de Flesquieres, 62147	Graince	ourt les Havrincourt, Pas-de-Calais, FR			
1st Witness	(Time as Driet)	_	(Cignetuse in Stull. Me initials.)			
2nd\A/itnoss	(Type or Print)		(Signature in Full. No initials.)			
2ndWitness	(Type or Print)	_	(Signature in Full. No initials.)			

Signed at			Date _	
Inventor (9)	Ryan Came	ron COULTER	_	Cinature is Full No is Wale.
	(Type or Print)			(Signature in Full. No initials.)
Ρ̈́o	st Office Address	1420 NW Lovejoy#619	, Portlar	nd, OR 97209
1st Witness				
	(Type or Print)			(Signature in Full. No initials.)
2ndWitness	(Type or Print)		_	(Signature in Full. No initials.)
	(1)  00 01 1 1 1 1 1 1 1			
Signed at			Date –	
Inventor (10)	Greg Alan I	/ARTIN		
	(Type or Print)	37 4 ( 1 1 )	_	(Signature in Full. No initials.)
Po	st Office Address	681 SE 60 <sup>th</sup> , #681, Portlar	nd, OR 9	7215
1st Witness				
100 111111000	(Type or Print)		_	(Signature in Full. No initials.)
2ndWitness				
	(Type or Print)			(Signature in Full. No initials.)
Signed at			Date _	
inventor (11)	Rodrigo The	omaz MOYSES		
,	(Type or Print)	OHAZ WOTOLO	-	(Signature in Full. No initials.)
Pr	st Office Address	3315 NE 65 <sup>th</sup> Avenue, Po	rtland O	D 07213
		3313 NE 03 Avenue, 10	rtiariu, O.	1/ 3/210
1st Witness	(Type or Print)	The state of the s	-	(Signature in Full. No initials.)
G	(1)			,
2ndVVitness	(Type or Print)			(Signature in Full, No initials.)
Signed at			Date _	2/27/14
		*** = 0. !! 0 \ !\ !		+ '
Inventor (12)	(Type or Print)	ony MARCHIONNA	محس	(Signature in Full. No initials.)
0.	ost Office Address	4000 NUMERICAN CANALA	A-1 FO	1 Defland OR 07215
	ost Office Address	1200 NW Marshall Street	, Apr. 50	1, Fortiand, OK 97215
1st Witness	SACHARY	KENK	_	(Signature to Eur No initials-)
	Todal	owers		
2ndWitness	(Type or Print)			(Signature in Full. No initials.)
Signed at			Date	
		Thus.		
Inventor (13)		vier-Alexandre MONTAY		
	(Type or Print)			(Signature in Full. No initials.)
Po	ost Office Address	12 rue de Flesquieres, 0 62147	Graincou	urt les Havrincourt, Pas-de-Calais, FR
1st Witness				
19/ 44/01/029	(Type or Print)		•	(Signature in Full. No initials.)
2ndWitness				
L	(Type or Print)			(Signature in Full. No initials.)

Signed at		Date -		
Inventor (9)	Ryan Cameron COULTER (Type or Print)		(Signature in Fuli. No initials.)	
Pos	of Office Address 1420 NW Lovejoya	#610 Portla	, -	
st Witness	_1420 IV W LOVEJOY:	7019, FOILIA	ild, OR 97209	
ast voidless _	(Type or Print)	_	(Signature in Full. No initials.)	
2ndWitness _	(Type or Print)		(Signature in Full. No initials.)	
Signed at		Date .		
Inventor (10)	Greg Alan MARTIN	<del></del>		
<b>D</b>	(Type or Print)		(Signature in Full. No initials.)	
	th Office Address 681 SE 60 <sup>th</sup> , #681, P	ortland, OR 9	7215	
st Witness _	(Type or Print)		(Signature in Fuli. No initials.)	
tndWitness _	(Type or Print)		(Signature in Full. No initials.)	
Signed at		Date		
Inventor (11)	Rodrigo Thomaz MOYSES			
, ,	(Type or Print)		(Signature in Full. No initials.)	
Pos	st Office Address 3315 NE 65 <sup>th</sup> Avenue	e, Portland, O	R 97213	
st Witness _	(Type or Print)	-	(Signature in Full, No initials.)	
ndWitness				
	(Type or Print)		(Signature in Full. No initials.)	
Signed at -		Date .		
Inventor (12)	Isaac Anthony MARCHIONNA (Type or Print)		(Signature in Full. No initials.)	
Pos	st Office Address 1200 NW Marshall S	treet. Apt. 50	1, Portland, OR 97215	
st Witness _		, 4		
_	(Type or Print)		(Signature in Full. No initials.)	
2ndWitness _	(Type or Print)		(Signature in Full. No initials.)	
Signed at	New York	Date	3/ No/14	
Inventor (13)	Francis Xavier-Alexandre MONT	<u>AY</u> .	(Signature in Early New indicate )	,
D	(Type or Print)	<u> </u>	(Signature in Fulf. No initials.)	3/1
POS	st Office Address 12 rue de Flesquier 62147 111	<del>es, Graineo</del> i 8th A	venue Google 10011 New York	ÚS
1st Witness	MONTAY Kansen	<del></del> .	Matin	
On disting	(Type or Print)  MONTAL OR NELLA		(Signature in Full. 108 initials.)  Wawley	
2ndWitness _	(Type or Print)	-	(Signature in Full. No initials.)	

Docket PU110059

Customer No. 24498

Signed at		Date -	2/18/14
Inventor (14)	Laura ODONNELL-DUNN (Type or Print)		Jama Ormall Dunn (Signature in Full. No Initials.)
_		5	
[	Post Office Address 1528 Palm Drive, Herm	osa Bea	acn, CA 90254
1st Witness	(Type or Print)	-	(Signature in Full. No Initials.)
2ndWitness	William Sharmaker	-	(Signature in Fuil. No initials.)
Signed at		Date	
Inventor ()	(Type or Print)	-	(Signature in Full. No initials.)
P	Post Office Address		
1st Witness			
rst vvitness	(Type or Print)	-	(Signature in Full. No initials.)
2ndWitness	(Type or Print)	-	(Signature in Full. No initials.)
Signed at		Date	
		-	
Inventor ()	(Type or Print)	-	(Signature in Full. No initials.)
	Post Office Address		
1st Witness	(Type or Print)	-	(Signature in Full. No initials.)
2ndWitness	(Type or Print)	-	(Signature in Full. No initlals.)
Signed at		Date	
3 Signed at		-	
Inventor ( )	(Type or Print)	_	(Signature in Full. No initials.)
	Post Office Address		, -
	OUT OTHER WARRAN		
1st Witness	(Type or Print)	-	(Signature in Full. No initials.)
2ndWitness	(Type or Print)	_	(Signature in Full. No initials.)
Sign of at	(Albe or Conty	Date	1
Signed at		- -	
inventor()	(Type or Print)	-	(Signature in Full. No initials.)
F	Post Office Address		
1st Witness		_	
0-3146	(Type or Print)		(Signature in Full. No initials.)
2ndWitness	(Type or Print)	-	(Signature in Full. No initials.)