

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4284763

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the CONVEYANCE TYPE ONLY FOR US 8600162 FROM "ASSIGNMENT" TO OTHER: "COVENANT NOT TO SUE" previously recorded on Reel 041052 Frame 0708. Assignor(s) hereby confirms the ASSIGNMENT AT EXHIBIT A REFERS TO A COVENANT NOT TO SUE WITH RESPECT TO SCHEDULE 2 OF CO-OWNED PATENTS, INCLUDING US 8600162..

CONVEYING PARTY DATA

Name	Execution Date
MORPHO, INC.	12/01/2016

RECEIVING PARTY DATA

Name:	RPX CORPORATION
Street Address:	ONE MARKET PLAZA
Internal Address:	STEUART TOWER, SUITE 800
City:	SAN FRANCISCO
State/Country:	CALIFORNIA
Postal Code:	94105

PROPERTY NUMBERS Total: 1

Property Type	Number
Patent Number:	8600162

CORRESPONDENCE DATA

Fax Number: (858)430-2427

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: 858-724-2450

Email: scott@mdiplaw.net

Correspondent Name: MUSICK DAVISON LLP

Address Line 1: 12636 HIGH BLUFF DRIVE

Address Line 2: SUITE 400

Address Line 4: SAN DIEGO, CALIFORNIA 92130

ATTORNEY DOCKET NUMBER:	RPX.024001US
NAME OF SUBMITTER:	SCOTT H DAVISON
SIGNATURE:	/Scott H Davison/
DATE SIGNED:	02/22/2017

Total Attachments: 26

source=Morpho_Cover_Sheet#page1.tif
source=Morpho-RPX_Assignment#page1.tif
source=Morpho-RPX_Assignment#page2.tif
source=Morpho-RPX_Assignment#page3.tif
source=Morpho-RPX_Assignment#page4.tif
source=Morpho-RPX_Assignment#page5.tif
source=Morpho-RPX_Assignment#page6.tif
source=Morpho-RPX_Assignment#page7.tif
source=Morpho-RPX_Assignment#page8.tif
source=Morpho-RPX_Assignment#page9.tif
source=Morpho-RPX_Assignment#page10.tif
source=Morpho-RPX_Assignment#page11.tif
source=Morpho-RPX_Assignment#page12.tif
source=Morpho-RPX_Assignment#page13.tif
source=Morpho-RPX_Assignment#page14.tif
source=Morpho-RPX_Assignment#page15.tif
source=Morpho-RPX_Assignment#page16.tif
source=Morpho-RPX_Assignment#page17.tif
source=Morpho-RPX_Assignment#page18.tif
source=Morpho-RPX_Assignment#page19.tif
source=Morpho-RPX_Assignment#page20.tif
source=Morpho-RPX_Assignment#page21.tif
source=Morpho-RPX_Assignment#page22.tif
source=Morpho-RPX_Assignment#page23.tif
source=Morpho-RPX_Assignment#page24.tif
source=Morpho-RPX_Assignment#page25.tif

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT4236102

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MORPHO, INC.	12/01/2016
RECEIVING PARTY DATA	
Name:	RPX CORPORATION
Street Address:	ONE MARKET PLAZA
Internal Address:	STEUART TOWER, SUITE 800
City:	SAN FRANCISCO
State/Country:	CALIFORNIA
Postal Code:	94105
PROPERTY NUMBERS Total: 9	
Property Type	Number
Patent Number:	8155467
Patent Number:	7978221
Patent Number:	8693791
Application Number:	14179041
Patent Number:	8744199
Patent Number:	8989448
Patent Number:	8855368
Patent Number:	9042609
Patent Number:	8600162
CORRESPONDENCE DATA	
Fax Number:	(858)430-2427
<i>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.</i>	
Phone:	858-724-2450
Email:	scott@mdiplaw.net
Correspondent Name:	MUSICK DAVISON LLP
Address Line 1:	12636 HIGH BLUFF DRIVE
Address Line 2:	SUITE 400
Address Line 4:	SAN DIEGO, CALIFORNIA 92130
ATTORNEY DOCKET NUMBER:	RPX.024001US

EXHIBIT A

Patent Assignment and Covenant Not To Sue

This Patent Assignment and Covenant Not To Sue ("Assignment") is entered into as of 12 1, 2016 (the "Effective Date"), by and between Morpho, Inc., a Japanese corporation, with principal place of business at Chiyoda First Building East 12F, 3-8-1 Nishi-kanda, Chiyoda-ku, Tokyo 101-0065 ("Seller"), and RPX Corporation, a Delaware corporation, with principal place of business at One Market Plaza, Steuart Tower, Suite 800, San Francisco, CA 94105 ("Buyer").

For good and valuable consideration, the receipt of which is hereby acknowledged, Seller hereby irrevocably assigns, sells, grants, transfers and conveys and agrees to assign, sell, grant, transfer, and convey to Buyer, and Buyer hereby accepts and receives, all right, title, and interest throughout the world in and to:

(a) the issued patents and pending patent applications identified on Schedule 1 attached hereto and any issued patent or patent application that directly or indirectly claims or is amended to claim priority to any of the above, in whole or in part (the "Listed Patents");

(b) to the extent not included in (a), all issued patents and pending and future applications for patents under U.S. law or regulation or of any foreign country from which such Listed Patents arise, including without limitation utility patents, utility models, design patents, invention certificates, provisionals, continuations, divisionals, continuations-in-part, reexaminations, reissues, extensions and renewals, in all countries of the world, as well as any patents and patent applications to which any of the Listed Patents or any of the foregoing directly or indirectly claim priority, in whole or in part (subcategories (a) and (b) collectively, the "Assigned Patents");

(c) all causes of action (whether known or unknown or whether currently pending, filed or otherwise) and other enforcement rights under or on account of the Listed Patents, including without limitation all causes of action and other enforcement rights for damages, injunctive relief, and any other remedies of any kind for past, current and future infringement; and

(d) all rights to collect royalties or other payments under or on account of the Assigned Patents and the foregoing subcategory (c).

Seller agrees upon request (and at the expense) of Buyer to, and if Seller is unable or unwilling to do so authorizes Buyer to act in Seller's name to: execute all oaths, assignments, powers, and any other papers necessary to perform Seller's obligations hereunder, testify in any proceeding, and otherwise take any action, and fully cooperate with Buyer to perform Seller's obligations hereunder, in each case, related to securing and enforcing Buyer's rights related to this Assignment.

With respect to the patent assets set forth on Schedule 2 attached hereto (the "Co-Owned Patents"), Seller hereby irrevocably agrees not to enforce or threaten to enforce (or instruct, encourage or take any action to aid a third party (including, without limitation, NTT Docomo Inc.) to enforce or threaten to enforce) any of the Co-Owned Patents against Buyer, any Buyer affiliates, and any current, future or prospective RPX clients and/or their current or future affiliates (such clients and affiliates, "RPX Clients"), including, without limitation, any customers, end users, suppliers, manufacturers, or distributors thereof with respect to any product or service of Buyer, any Buyer affiliate, and any RPX Client. Any assignment, transfer or conveyance by Seller (or any subsequent assignee) of any rights in any of the Co-Owned Patents (or any grant by Seller, or any subsequent assignee, of rights to enforce any of the Co-Owned Patents) shall be expressly subject to the terms of, and the rights granted under, this section. Seller shall require any assignee of, or any grantee of enforcement rights under, any of the Co-Owned Patents to agree in writing to comply with this section. RPX Clients will be third party beneficiaries of this section and will have the right to enforce the terms hereof against Seller.

The terms and conditions of this Assignment will be binding upon Seller and Buyer (including each of their respective successors, assigns, and other legal representatives).

IN WITNESS WHEREOF, the parties hereto have caused this Assignment to be executed as of the Effective Date. The individuals signing for the parties represent and warrant that he or she has authority to sign for and enter into this Assignment on behalf of the respective parties.

Seller:

Morpho, Inc.

By: Masaki Hiraga
Name: Masaki Hiraga
Title: President
Date: Nov 29, 2016

ATTESTATION OF SIGNATURE PURSUANT TO 28 U.S.C. § 1746

The undersigned witnessed the signature of Masaki Hiraga to the above Patent Assignment on behalf of Morpho, Inc. and makes the following statements:

1. I am over the age of 18 and competent to testify as to the facts in this Attestation if called upon to do so.
2. Masaki Hiraga is personally known to me (or proved to me on the basis of satisfactory evidence) and appeared before me on Nov 29, 2016 to execute the above Patent Assignment on behalf of Morpho, Inc.
3. Masaki Hiraga executed the above Patent Assignment on behalf of Morpho, Inc.

I declare under penalty of perjury under the laws of the United States of America that the statements made above in this Attestation are true and correct.

EXECUTED on November 29, 2016

Ryo Ono
Print Name: Ryo Ono

Buyer:

RPX Corporation

By: E. Olsen
Name: ERIC OLSEN
Title: SVP
Date: 12/1/16

SCHEDULE 1
LISTED PATENTS

Family	Patent No. / Pub. No.	App. No.	Country	Status	File Date	Issue Date / Pub. Date	Title
1	US8155467	US12/218355	US	Active	7/12/2008	4/10/2012	Image data processing method and imaging apparatus
1	EP2015560	EP20080290682	EP	Expired	7/10/2008	1/14/09	Image data processing method and imaging apparatus
1	2015560		AT	Expired	7/10/2008	1/14/09	Image data processing method and imaging apparatus
1	2015560		BE	Expired	7/10/2008	1/14/09	Image data processing method and imaging apparatus
1	2015560		BG	Expired	7/10/2008	1/14/09	Image data processing method and imaging apparatus
1	2015560		CH	Expired	7/10/2008	1/14/09	Image data processing method and imaging apparatus
1	2015560		CY	Expired	7/10/2008	1/14/09	Image data processing method and imaging apparatus
1	2015560		CZ	Expired	7/10/2008	1/14/09	Image data processing method and imaging apparatus
1	2015560		DE	Expired	7/10/2008	1/14/09	Image data processing method and imaging apparatus
1	2015560		DK	Expired	7/10/2008	1/14/09	Image data processing method and imaging apparatus
1	2015560		EE	Expired	7/10/2008	1/14/09	Image data processing method and imaging apparatus
1	2015560		ES	Expired	7/10/2008	1/14/09	Image data processing method and imaging apparatus
1	2015560		FI	Expired	7/10/2008	1/14/09	Image data processing method and imaging apparatus
1	2015560		FR	Expired	7/10/2008	1/14/09	Image data processing method and imaging apparatus
1	2015560		GB	Expired	7/10/2008	1/14/09	Image data processing method and imaging apparatus
1	2015560		GR	Expired	7/10/2008	1/14/09	Image data processing method and imaging apparatus
1	2015560		HR	Expired	7/10/2008	1/14/09	Image data processing method and imaging apparatus

Family	Patent No. / Pub. No.	App. No.	Country	Status	File Date	Issue Date / Pub. Date	Title
1	2015560		HU	Expired	7/10/2008	1/14/09	Image data processing method and imaging apparatus
1	2015560		IE	Expired	7/10/2008	1/14/09	Image data processing method and imaging apparatus
1	2015560		IS	Expired	7/10/2008	1/14/09	Image data processing method and imaging apparatus
1	2015560		IT	Expired	7/10/2008	1/14/09	Image data processing method and imaging apparatus
1	2015560		LI	Expired	7/10/2008	1/14/09	Image data processing method and imaging apparatus
1	2015560		LT	Expired	7/10/2008	1/14/09	Image data processing method and imaging apparatus
1	2015560		LU	Expired	7/10/2008	1/14/09	Image data processing method and imaging apparatus
1	2015560		LV	Expired	7/10/2008	1/14/09	Image data processing method and imaging apparatus
1	2015560		MC	Expired	7/10/2008	1/14/09	Image data processing method and imaging apparatus
1	2015560		MT	Expired	7/10/2008	1/14/09	Image data processing method and imaging apparatus
1	2015560		NL	Expired	7/10/2008	1/14/09	Image data processing method and imaging apparatus
1	2015560		NO	Expired	7/10/2008	1/14/09	Image data processing method and imaging apparatus
1	2015560		PL	Expired	7/10/2008	1/14/09	Image data processing method and imaging apparatus
1	2015560		PT	Expired	7/10/2008	1/14/09	Image data processing method and imaging apparatus
1	2015560		RO	Expired	7/10/2008	1/14/09	Image data processing method and imaging apparatus
1	2015560		SE	Expired	7/10/2008	1/14/09	Image data processing method and imaging apparatus
1	2015560		SI	Expired	7/10/2008	1/14/09	Image data processing method and imaging apparatus
1	2015560		SK	Expired	7/10/2008	1/14/09	Image data processing method and imaging apparatus
1	2015560		TR	Expired	7/10/2008	1/14/09	Image data processing method and imaging apparatus

Family	Patent No. / Pub. No.	App. No.	Country	Status	File Date	Issue Date / Pub. Date	Title
1	2015560		AL	Expired	7/10/2008	1/14/09	Image data processing method and imaging apparatus
1	2015560		BA	Expired	7/10/2008	1/14/09	Image data processing method and imaging apparatus
1	2015560		MK	Expired	7/10/2008	1/14/09	Image data processing method and imaging apparatus
1	2015560		RS	Expired	7/10/2008	1/14/09	Image data processing method and imaging apparatus
1	JP4825748	JP20070185096	JP	Active	7/13/2007	11/30/11	METHOD FOR PROCESSING IMAGE DATA AND IMAGING APPARATUS
2	US7978221	US12/321937	US	Active	1/27/2009	7/12/2011	Method and apparatus for capturing an image
2	JP4689687	JP20080018376	JP	Active	1/29/2008	5/25/2011	Image pickup manner and image pickup device
2	EP2086223	EP20090290062	EP	Expired	1/28/2009	8/5/2009	Method and apparatus for capturing an image
2	2086223		AT	Expired	1/28/2009	8/5/2009	Method and apparatus for capturing an image
2	2086223		BE	Expired	1/28/2009	8/5/2009	Method and apparatus for capturing an image
2	2086223		BG	Expired	1/28/2009	8/5/2009	Method and apparatus for capturing an image
2	2086223		CH	Expired	1/28/2009	8/5/2009	Method and apparatus for capturing an image
2	2086223		CY	Expired	1/28/2009	8/5/2009	Method and apparatus for capturing an image
2	2086223		CZ	Expired	1/28/2009	8/5/2009	Method and apparatus for capturing an image
2	2086223		DE	Expired	1/28/2009	8/5/2009	Method and apparatus for capturing an image
2	2086223		DK	Expired	1/28/2009	8/5/2009	Method and apparatus for capturing an image
2	2086223		EE	Expired	1/28/2009	8/5/2009	Method and apparatus for capturing an image
2	2086223		ES	Expired	1/28/2009	8/5/2009	Method and apparatus for capturing an image

Family	Patent No. / Pub. No.	App. No.	Country	Status	File Date	Issue Date / Pub. Date	Title
2	2086223		FI	Expired	1/28/2009	8/5/2009	Method and apparatus for capturing an image
2	2086223		FR	Expired	1/28/2009	8/5/2009	Method and apparatus for capturing an image
2	2086223		GB	Expired	1/28/2009	8/5/2009	Method and apparatus for capturing an image
2	2086223		GR	Expired	1/28/2009	8/5/2009	Method and apparatus for capturing an image
2	2086223		HR	Expired	1/28/2009	8/5/2009	Method and apparatus for capturing an image
2	2086223		HU	Expired	1/28/2009	8/5/2009	Method and apparatus for capturing an image
2	2086223		IE	Expired	1/28/2009	8/5/2009	Method and apparatus for capturing an image
2	2086223		IS	Expired	1/28/2009	8/5/2009	Method and apparatus for capturing an image
2	2086223		IT	Expired	1/28/2009	8/5/2009	Method and apparatus for capturing an image
2	2086223		LI	Expired	1/28/2009	8/5/2009	Method and apparatus for capturing an image
2	2086223		LT	Expired	1/28/2009	8/5/2009	Method and apparatus for capturing an image
2	2086223		LU	Expired	1/28/2009	8/5/2009	Method and apparatus for capturing an image
2	2086223		LV	Expired	1/28/2009	8/5/2009	Method and apparatus for capturing an image
2	2086223		MC	Expired	1/28/2009	8/5/2009	Method and apparatus for capturing an image
2	2086223		MT	Expired	1/28/2009	8/5/2009	Method and apparatus for capturing an image
2	2086223		NL	Expired	1/28/2009	8/5/2009	Method and apparatus for capturing an image
2	2086223		NO	Expired	1/28/2009	8/5/2009	Method and apparatus for capturing an image
2	2086223		PL	Expired	1/28/2009	8/5/2009	Method and apparatus for capturing an image
2	2086223		PT	Expired	1/28/2009	8/5/2009	Method and apparatus for capturing an image

Family	Patent No. / Pub. No.	App. No.	Country	Status	File Date	Issue Date / Pub. Date	Title
2	2086223		RO	Expired	1/28/2009	8/5/2009	Method and apparatus for capturing an image
2	2086223		SE	Expired	1/28/2009	8/5/2009	Method and apparatus for capturing an image
2	2086223		SI	Expired	1/28/2009	8/5/2009	Method and apparatus for capturing an image
2	2086223		SK	Expired	1/28/2009	8/5/2009	Method and apparatus for capturing an image
2	2086223		TR	Expired	1/28/2009	8/5/2009	Method and apparatus for capturing an image
2	2086223		AL	Expired	1/28/2009	8/5/2009	Method and apparatus for capturing an image
2	2086223		BA	Expired	1/28/2009	8/5/2009	Method and apparatus for capturing an image
2	2086223		MK	Expired	1/28/2009	8/5/2009	Method and apparatus for capturing an image
2	2086223		RS	Expired	1/28/2009	8/5/2009	Method and apparatus for capturing an image
3	WO201092865	WO2010JP51355	WO	Expired	2/1/2010	8/4/2011	Object detection device and object detection method
3	JP4806101	JP20100513549	JP	Active	2/1/2010	11/2/2011	Being the body detection device which detects
3	US8693791	US12/742869	US	Active	2/1/2010	4/8/2014	Object detection apparatus and object detection method
3	US20140161364	US14/179041	US	Expired	2/12/2014	6/12/2014	Object detection apparatus and object detection method
3	CN102216958	CN2010800844	CN	Expired	2/1/2010	10/12/2011	Object detection device and object detection method
3	EP2397989	EP20100714836	EP	Expired	2/1/2010	12/21/2011	Object detection device and object detection method
3	2397989		AT	Expired	2/1/2010	12/21/2011	Object detection device and object detection method
3	2397989		BE	Expired	2/1/2010	12/21/2011	Object detection device and object detection method
3	2397989		BG	Expired	2/1/2010	12/21/2011	Object detection device and object detection method

Family	Patent No. / Pub. No.	App. No.	Country	Status	File Date	Issue Date / Pub. Date	Title
3	2397989		CH	Expired	2/1/2010	12/21/2011	Object detection device and object detection method
3	2397989		CY	Expired	2/1/2010	12/21/2011	Object detection device and object detection method
3	2397989		CZ	Expired	2/1/2010	12/21/2011	Object detection device and object detection method
3	2397989		DE	Expired	2/1/2010	12/21/2011	Object detection device and object detection method
3	2397989		DK	Expired	2/1/2010	12/21/2011	Object detection device and object detection method
3	2397989		EE	Expired	2/1/2010	12/21/2011	Object detection device and object detection method
3	2397989		ES	Expired	2/1/2010	12/21/2011	Object detection device and object detection method
3	2397989		FI	Expired	2/1/2010	12/21/2011	Object detection device and object detection method
3	2397989		FR	Expired	2/1/2010	12/21/2011	Object detection device and object detection method
3	2397989		GB	Expired	2/1/2010	12/21/2011	Object detection device and object detection method
3	2397989		GR	Expired	2/1/2010	12/21/2011	Object detection device and object detection method
3	2397989		HR	Expired	2/1/2010	12/21/2011	Object detection device and object detection method
3	2397989		HU	Expired	2/1/2010	12/21/2011	Object detection device and object detection method
3	2397989		IE	Expired	2/1/2010	12/21/2011	Object detection device and object detection method
3	2397989		IS	Expired	2/1/2010	12/21/2011	Object detection device and object detection method
3	2397989		IT	Expired	2/1/2010	12/21/2011	Object detection device and object detection method
3	2397989		LI	Expired	2/1/2010	12/21/2011	Object detection device and object detection method
3	2397989		LT	Expired	2/1/2010	12/21/2011	Object detection device and object detection method
3	2397989		LU	Expired	2/1/2010	12/21/2011	Object detection device and object detection method

Family	Patent No. / Pub. No.	App. No.	Country	Status	File Date	Issue Date / Pub. Date	Title
3	2397989		LV	Expired	2/1/2010	12/21/2011	Object detection device and object detection method
3	2397989		MC	Expired	2/1/2010	12/21/2011	Object detection device and object detection method
3	2397989		MK	Expired	2/1/2010	12/21/2011	Object detection device and object detection method
3	2397989		MT	Expired	2/1/2010	12/21/2011	Object detection device and object detection method
3	2397989		NL	Expired	2/1/2010	12/21/2011	Object detection device and object detection method
3	2397989		NO	Expired	2/1/2010	12/21/2011	Object detection device and object detection method
3	2397989		PL	Expired	2/1/2010	12/21/2011	Object detection device and object detection method
3	2397989		PT	Expired	2/1/2010	12/21/2011	Object detection device and object detection method
3	2397989		RO	Expired	2/1/2010	12/21/2011	Object detection device and object detection method
3	2397989		SE	Expired	2/1/2010	12/21/2011	Object detection device and object detection method
3	2397989		SI	Expired	2/1/2010	12/21/2011	Object detection device and object detection method
3	2397989		SK	Expired	2/1/2010	12/21/2011	Object detection device and object detection method
3	2397989		SM	Expired	2/1/2010	12/21/2011	Object detection device and object detection method
3	2397989		TR	Expired	2/1/2010	12/21/2011	Object detection device and object detection method
4	JP480186	JP20090104896	JP	Active	4/23/2009	10/26/2011	IMAGE PROCESSOR, IMAGE PROCESSING METHOD, AND IMAGE PROCESSING PROGRAM
4	US8744199	US12/903838	US	Active	10/13/2010	6/3/2014	Image processing device, image processing method and storage medium
5	JP5470529	JP20120024015	JP	Active	2/7/2012	4/16/2014	Motion detection devices, motion detection method and a motion detection program

Family	Patent No. / Pub. No.	App. No.	Country	Status	File Date	Issue Date / Pub. Date	Title
5	JP4855556	JP20110522330	JP	Active	3/22/2011	1/18/2012	Motion detection device, moving object detection method, motion detection programs, motion tracking device, moving object tracking method and motion tracking program
5	WO2012127618	WO2011JP56806	WO	Expired	3/22/2011	9/27/2012	Moving-body detection device, moving-body detection method, moving-body detection program, moving-body tracking device, moving-body tracking method, and moving-body tracking program
5	EP2544149	EP20110758359	EP	Active	3/22/2011	1/9/2013	Moving-body detection device, moving-body detection method, moving-body detection program, moving-body tracking device, moving-body tracking method, and moving-body tracking program
5	2544149		AL	Active	9/28/2011	1/9/2013	Moving-body detection device, moving-body detection method, moving-body detection program, moving-body tracking device, moving-body tracking method, and moving-body tracking program
5	2544149		AT	Active	9/28/2011	1/9/2013	Moving-body detection device, moving-body detection method, moving-body detection program, moving-body tracking device, moving-body tracking method, and moving-body tracking program
5	2544149		BE	Active	9/28/2011	1/9/2013	Moving-body detection device, moving-body detection method, moving-body detection program, moving-body tracking device, moving-body tracking method, and moving-body tracking program
5	2544149		BG	Active	9/28/2011	1/9/2013	Moving-body detection device, moving-body detection method, moving-body detection program, moving-body tracking device, moving-body tracking method, and moving-body tracking program
5	2544149		CH	Active	9/28/2011	1/9/2013	Moving-body detection device, moving-body detection method, moving-body detection program, moving-body tracking device, moving-body tracking method, and moving-body tracking program

Family	Patent No. / Pub. No.	App. No.	Country	Status	File Date	Issue Date / Pub. Date	Title
5	2544149		CY	Active	9/28/2011	1/9/2013	Moving-body detection device, moving-body detection method, moving-body detection program, moving-body tracking device, moving-body tracking method, and moving-body tracking program
5	2544149		CZ	Active	9/28/2011	1/9/2013	Moving-body detection device, moving-body detection method, moving-body detection program, moving-body tracking device, moving-body tracking method, and moving-body tracking program
5	2544149		DE	Active	9/28/2011	1/9/2013	Moving-body detection device, moving-body detection method, moving-body detection program, moving-body tracking device, moving-body tracking method, and moving-body tracking program
5	2544149		DK	Active	9/28/2011	1/9/2013	Moving-body detection device, moving-body detection method, moving-body detection program, moving-body tracking device, moving-body tracking method, and moving-body tracking program
5	2544149		EE	Active	9/28/2011	1/9/2013	Moving-body detection device, moving-body detection method, moving-body detection program, moving-body tracking device, moving-body tracking method, and moving-body tracking program
5	2544149		ES	Active	9/28/2011	1/9/2013	Moving-body detection device, moving-body detection method, moving-body detection program, moving-body tracking device, moving-body tracking method, and moving-body tracking program
5	2544149		FI	Active	9/28/2011	1/9/2013	Moving-body detection device, moving-body detection method, moving-body detection program, moving-body tracking device, moving-body tracking method, and moving-body tracking program
5	2544149		FR	Active	9/28/2011	1/9/2013	Moving-body detection device, moving-body detection method, moving-body detection program, moving-body tracking device, moving-body tracking method, and moving-body tracking program

Family	Patent No. / Pub. No.	App. No.	Country	Status	File Date	Issue Date / Pub. Date	Title
5	2544149		GB	Active	9/28/2011	1/9/2013	Moving-body detection device, moving-body detection method, moving-body detection program, moving-body tracking device, moving-body tracking method, and moving-body tracking program
5	2544149		GR	Active	9/28/2011	1/9/2013	Moving-body detection device, moving-body detection method, moving-body detection program, moving-body tracking device, moving-body tracking method, and moving-body tracking program
5	2544149		HR	Active	9/28/2011	1/9/2013	Moving-body detection device, moving-body detection method, moving-body detection program, moving-body tracking device, moving-body tracking method, and moving-body tracking program
5	2544149		HU	Active	9/28/2011	1/9/2013	Moving-body detection device, moving-body detection method, moving-body detection program, moving-body tracking device, moving-body tracking method, and moving-body tracking program
5	2544149		IE	Active	9/28/2011	1/9/2013	Moving-body detection device, moving-body detection method, moving-body detection program, moving-body tracking device, moving-body tracking method, and moving-body tracking program
5	2544149		IS	Active	9/28/2011	1/9/2013	Moving-body detection device, moving-body detection method, moving-body detection program, moving-body tracking device, moving-body tracking method, and moving-body tracking program
5	2544149		IT	Active	9/28/2011	1/9/2013	Moving-body detection device, moving-body detection method, moving-body detection program, moving-body tracking device, moving-body tracking method, and moving-body tracking program
5	2544149		LI	Active	9/28/2011	1/9/2013	Moving-body detection device, moving-body detection method, moving-body detection program, moving-body tracking device, moving-body tracking method, and moving-body tracking program

Family	Patent No. / Pub. No.	App. No.	Country	Status	File Date	Issue Date / Pub. Date	Title
5	2544149		LT	Active	9/28/2011	1/9/2013	Moving-body detection device, moving-body detection method, moving-body detection program, moving-body tracking device, moving-body tracking method, and moving-body tracking program
5	2544149		LU	Active	9/28/2011	1/9/2013	Moving-body detection device, moving-body detection method, moving-body detection program, moving-body tracking device, moving-body tracking method, and moving-body tracking program
5	2544149		LV	Active	9/28/2011	1/9/2013	Moving-body detection device, moving-body detection method, moving-body detection program, moving-body tracking device, moving-body tracking method, and moving-body tracking program
5	2544149		MC	Active	9/28/2011	1/9/2013	Moving-body detection device, moving-body detection method, moving-body detection program, moving-body tracking device, moving-body tracking method, and moving-body tracking program
5	2544149		MK	Active	9/28/2011	1/9/2013	Moving-body detection device, moving-body detection method, moving-body detection program, moving-body tracking device, moving-body tracking method, and moving-body tracking program
5	2544149		MT	Active	9/28/2011	1/9/2013	Moving-body detection device, moving-body detection method, moving-body detection program, moving-body tracking device, moving-body tracking method, and moving-body tracking program
5	2544149		NL	Active	9/28/2011	1/9/2013	Moving-body detection device, moving-body detection method, moving-body detection program, moving-body tracking device, moving-body tracking method, and moving-body tracking program
5	2544149		NO	Active	9/28/2011	1/9/2013	Moving-body detection device, moving-body detection method, moving-body detection program, moving-body tracking device, moving-body tracking method, and moving-body tracking program

Family	Patent No. / Pub. No.	App. No.	Country	Status	File Date	Issue Date / Pub. Date	Title
5	2544149		PL	Active	9/28/2011	1/9/2013	Moving-body detection device, moving-body detection method, moving-body detection program, moving-body tracking device, moving-body tracking method, and moving-body tracking program
5	2544149		PT	Active	9/28/2011	1/9/2013	Moving-body detection device, moving-body detection method, moving-body detection program, moving-body tracking device, moving-body tracking method, and moving-body tracking program
5	2544149		RO	Active	9/28/2011	1/9/2013	Moving-body detection device, moving-body detection method, moving-body detection program, moving-body tracking device, moving-body tracking method, and moving-body tracking program
5	2544149		RS	Active	9/28/2011	1/9/2013	Moving-body detection device, moving-body detection method, moving-body detection program, moving-body tracking device, moving-body tracking method, and moving-body tracking program
5	2544149		SE	Active	9/28/2011	1/9/2013	Moving-body detection device, moving-body detection method, moving-body detection program, moving-body tracking device, moving-body tracking method, and moving-body tracking program
5	2544149		SI	Active	9/28/2011	1/9/2013	Moving-body detection device, moving-body detection method, moving-body detection program, moving-body tracking device, moving-body tracking method, and moving-body tracking program
5	2544149		SK	Active	9/28/2011	1/9/2013	Moving-body detection device, moving-body detection method, moving-body detection program, moving-body tracking device, moving-body tracking method, and moving-body tracking program
5	2544149		SM	Active	9/28/2011	1/9/2013	Moving-body detection device, moving-body detection method, moving-body detection program, moving-body tracking device, moving-body tracking method, and moving-body tracking program

Family	Patent No. / Pub. No.	App. No.	Country	Status	File Date	Issue Date / Pub. Date	Title
5	2544149		TR	Active	9/28/2011	1/9/2013	Moving-body detection device, moving-body detection method, moving-body detection program, moving-body tracking device, moving-body tracking method, and moving-body tracking program
5	US8989448	US13/256848	US	Active	3/22/2011	3/24/2015	Moving object detecting device, moving object detecting method, moving object detection program, moving object tracking device, moving object tracking method, and moving object tracking program
5	CN103003842	CN2011801671	CN	Active	3/22/2011	8/19/2015	Moving object detection device of moving object detection method for moving object tracking device for moving object tracking method
6	WO2013035150	WO2011JP70188	WO	Expired	9/5/2011	3/14/2013	Facial authentication system, facial authentication method, and facial authentication program
6	EP2590140	EP20110863256	EP	Expired	9/5/2011	5/8/2013	Facial authentication system, facial authentication method, and facial authentication program
6	2590140		AL	Abandoned	9/5/2011	5/8/2013	Facial authentication system, facial authentication method, and facial authentication program
6	2590140		AT	Abandoned	9/5/2011	5/8/2013	Facial authentication system, facial authentication method, and facial authentication program
6	2590140		BE	Abandoned	9/5/2011	5/8/2013	Facial authentication system, facial authentication method, and facial authentication program
6	2590140		BG	Abandoned	9/5/2011	5/8/2013	Facial authentication system, facial authentication method, and facial authentication program
6	2590140		CH	Abandoned	9/5/2011	5/8/2013	Facial authentication system, facial authentication method, and facial authentication program
6	2590140		CY	Abandoned	9/5/2011	5/8/2013	Facial authentication system, facial authentication method, and facial authentication program
6	2590140		CZ	Abandoned	9/5/2011	5/8/2013	Facial authentication system, facial authentication method, and facial authentication program
6	2590140		DE	Abandoned	9/5/2011	5/8/2013	Facial authentication system, facial authentication method, and facial authentication program

Family	Patent No. / Pub. No.	App. No.	Country	Status	File Date	Issue Date / Pub. Date	Title
6	2590140		DK	Abandoned	9/5/2011	5/8/2013	Facial authentication system, facial authentication method, and facial authentication program
6	2590140		EE	Abandoned	9/5/2011	5/8/2013	Facial authentication system, facial authentication method, and facial authentication program
6	2590140		ES	Abandoned	9/5/2011	5/8/2013	Facial authentication system, facial authentication method, and facial authentication program
6	2590140		FI	Abandoned	9/5/2011	5/8/2013	Facial authentication system, facial authentication method, and facial authentication program
6	2590140		FR	Abandoned	9/5/2011	5/8/2013	Facial authentication system, facial authentication method, and facial authentication program
6	2590140		Gb	Abandoned	9/5/2011	5/8/2013	Facial authentication system, facial authentication method, and facial authentication program
6	2590140		GR	Abandoned	9/5/2011	5/8/2013	Facial authentication system, facial authentication method, and facial authentication program
6	2590140		HR	Abandoned	9/5/2011	5/8/2013	Facial authentication system, facial authentication method, and facial authentication program
6	2590140		HU	Abandoned	9/5/2011	5/8/2013	Facial authentication system, facial authentication method, and facial authentication program
6	2590140		IE	Abandoned	9/5/2011	5/8/2013	Facial authentication system, facial authentication method, and facial authentication program
6	2590140		IS	Abandoned	9/5/2011	5/8/2013	Facial authentication system, facial authentication method, and facial authentication program
6	2590140		IT	Abandoned	9/5/2011	5/8/2013	Facial authentication system, facial authentication method, and facial authentication program
6	2590140		LI	Abandoned	9/5/2011	5/8/2013	Facial authentication system, facial authentication method, and facial authentication program
6	2590140		LT	Abandoned	9/5/2011	5/8/2013	Facial authentication system, facial authentication method, and facial authentication program
6	2590140		LU	Abandoned	9/5/2011	5/8/2013	Facial authentication system, facial authentication method, and facial authentication program

Family	Patent No. / Pub. No.	App. No.	Country	Status	File Date	Issue Date / Pub. Date	Title
6	2590140		LV	Abandoned	9/5/2011	5/8/2013	Facial authentication system, facial authentication method, and facial authentication program
6	2590140		MC	Abandoned	9/5/2011	5/8/2013	Facial authentication system, facial authentication method, and facial authentication program
6	2590140		MK	Abandoned	9/5/2011	5/8/2013	Facial authentication system, facial authentication method, and facial authentication program
6	2590140		MT	Abandoned	9/5/2011	5/8/2013	Facial authentication system, facial authentication method, and facial authentication program
6	2590140		NL	Abandoned	9/5/2011	5/8/2013	Facial authentication system, facial authentication method, and facial authentication program
6	2590140		NO	Abandoned	9/5/2011	5/8/2013	Facial authentication system, facial authentication method, and facial authentication program
6	2590140		PL	Abandoned	9/5/2011	5/8/2013	Facial authentication system, facial authentication method, and facial authentication program
6	2590140		PT	Abandoned	9/5/2011	5/8/2013	Facial authentication system, facial authentication method, and facial authentication program
6	2590140		RO	Abandoned	9/5/2011	5/8/2013	Facial authentication system, facial authentication method, and facial authentication program
6	2590140		RS	Abandoned	9/5/2011	5/8/2013	Facial authentication system, facial authentication method, and facial authentication program
6	2590140		SE	Abandoned	9/5/2011	5/8/2013	Facial authentication system, facial authentication method, and facial authentication program
6	2590140		SI	Abandoned	9/5/2011	5/8/2013	Facial authentication system, facial authentication method, and facial authentication program
6	2590140		SK	Abandoned	9/5/2011	5/8/2013	Facial authentication system, facial authentication method, and facial authentication program
6	2590140		SM	Abandoned	9/5/2011	5/8/2013	Facial authentication system, facial authentication method, and facial authentication program
6	2590140		TR	Abandoned	9/5/2011	5/8/2013	Facial authentication system, facial authentication method, and facial authentication program

Family	Patent No. / Pub. No.	App. No.	Country	Status	File Date	Issue Date / Pub. Date	Title
6	CN103250183	CN2011803917	CN	Expired	9/5/2011	8/14/2013	Facial authentication system, facial authentication method, and facial authentication program
6	US9042609	US13/695248	US	Active	9/5/2011	5/26/2015	Face authentication system, face authentication method, and face authentication program
7	EP2528020	EP20120168859	EP	Expired	5/22/2012	11/28/2012	Image identification device, image identification method, image identification program, and recording medium
7	2528020		AL	Expired	5/22/2012	11/28/2012	Image identification device, image identification method, image identification program, and recording medium
7	2528020		AT	Expired	5/22/2012	11/28/2012	Image identification device, image identification method, image identification program, and recording medium
7	2528020		BE	Expired	5/22/2012	11/28/2012	Image identification device, image identification method, image identification program, and recording medium
7	2528020		BG	Expired	5/22/2012	11/28/2012	Image identification device, image identification method, image identification program, and recording medium
7	2528020		CH	Expired	5/22/2012	11/28/2012	Image identification device, image identification method, image identification program, and recording medium
7	2528020		CY	Expired	5/22/2012	11/28/2012	Image identification device, image identification method, image identification program, and recording medium
7	2528020		CZ	Expired	5/22/2012	11/28/2012	Image identification device, image identification method, image identification program, and recording medium
7	2528020		DE	Expired	5/22/2012	11/28/2012	Image identification device, image identification method, image identification program, and recording medium
7	2528020		DK	Expired	5/22/2012	11/28/2012	Image identification device, image identification method, image identification program, and recording medium

Family	Patent No. / Pub. No.	App. No.	Country	Status	File Date	Issue Date / Pub. Date	Title
7	2528020		EE	Expired	5/22/2012	11/28/2012	Image identification device, image identification method, image identification program, and recording medium
7	2528020		ES	Expired	5/22/2012	11/28/2012	Image identification device, image identification method, image identification program, and recording medium
7	2528020		FI	Expired	5/22/2012	11/28/2012	Image identification device, image identification method, image identification program, and recording medium
7	2528020		FR	Expired	5/22/2012	11/28/2012	Image identification device, image identification method, image identification program, and recording medium
7	2528020		GB	Expired	5/22/2012	11/28/2012	Image identification device, image identification method, image identification program, and recording medium
7	2528020		GR	Expired	5/22/2012	11/28/2012	Image identification device, image identification method, image identification program, and recording medium
7	2528020		HR	Expired	5/22/2012	11/28/2012	Image identification device, image identification method, image identification program, and recording medium
7	2528020		HU	Expired	5/22/2012	11/28/2012	Image identification device, image identification method, image identification program, and recording medium
7	2528020		IE	Expired	5/22/2012	11/28/2012	Image identification device, image identification method, image identification program, and recording medium
7	2528020		IS	Expired	5/22/2012	11/28/2012	Image identification device, image identification method, image identification program, and recording medium
7	2528020		IT	Expired	5/22/2012	11/28/2012	Image identification device, image identification method, image identification program, and recording medium
7	2528020		LI	Expired	5/22/2012	11/28/2012	Image identification device, image identification method, image identification program, and recording medium

Family	Patent No. / Pub. No.	App. No.	Country	Status	File Date	Issue Date / Pub. Date	Title
7	2528020		LT	Expired	5/22/2012	11/28/2012	Image identification device, image identification method, image identification program, and recording medium
7	2528020		LU	Expired	5/22/2012	11/28/2012	Image identification device, image identification method, image identification program, and recording medium
7	2528020		LV	Expired	5/22/2012	11/28/2012	Image identification device, image identification method, image identification program, and recording medium
7	2528020		MC	Expired	5/22/2012	11/28/2012	Image identification device, image identification method, image identification program, and recording medium
7	2528020		MK	Expired	5/22/2012	11/28/2012	Image identification device, image identification method, image identification program, and recording medium
7	2528020		MT	Expired	5/22/2012	11/28/2012	Image identification device, image identification method, image identification program, and recording medium
7	2528020		NL	Expired	5/22/2012	11/28/2012	Image identification device, image identification method, image identification program, and recording medium
7	2528020		NO	Expired	5/22/2012	11/28/2012	Image identification device, image identification method, image identification program, and recording medium
7	2528020		PL	Expired	5/22/2012	11/28/2012	Image identification device, image identification method, image identification program, and recording medium
7	2528020		PT	Expired	5/22/2012	11/28/2012	Image identification device, image identification method, image identification program, and recording medium
7	2528020		RO	Expired	5/22/2012	11/28/2012	Image identification device, image identification method, image identification program, and recording medium
7	2528020		RS	Expired	5/22/2012	11/28/2012	Image identification device, image identification method, image identification program, and recording medium

Family	Patent No. / Pub. No.	App. No.	Country	Status	File Date	Issue Date / Pub. Date	Title
7	2528020		SE	Expired	5/22/2012	11/28/2012	Image identification device, image identification method, image identification program, and recording medium
7	2528020		SI	Expired	5/22/2012	11/28/2012	Image identification device, image identification method, image identification program, and recording medium
7	2528020		SK	Expired	5/22/2012	11/28/2012	Image identification device, image identification method, image identification program, and recording medium
7	2528020		SM	Expired	5/22/2012	11/28/2012	Image identification device, image identification method, image identification program, and recording medium
7	2528020		TR	Expired	5/22/2012	11/28/2012	Image identification device, image identification method, image identification program, and recording medium
7	2528020		BA	Expired	5/22/2012	11/28/2012	Image identification device, image identification method, image identification program, and recording medium
7	2528020		ME	Expired	5/22/2012	11/28/2012	Image identification device, image identification method, image identification program, and recording medium
7	CN102800080	CN20121121063	CN	Expired	4/23/2012	11/28/2012	Image identification device and image identification method
7	JP5401695	JP2010114660	JP	Active	5/23/2011	1/29/2014	Image identification apparatus, image identification method, image identification program and recording medium
7	US8855368	US13/477612	US	Active	5/22/2012	10/7/2014	Image identification device, image identification method, and recording medium

SCHEDULE 2

CO-OWNED PATENTS

Family	Patent No. / Pub. No.	App. No.	Country	Status	File Date	Issue Date / Pub. Date	Title
8	US8600162	US13/475152	US	Active	5/18/2012	12/3/2013	Image identification device, image identification method and recording medium
8	EP2528017	EP20120161215	EP	Active	3/26/2012	12/3/2014	Image identification device, image identification method, image identification program, and recording medium
8	2528017		AL	Active	3/26/2012	12/3/2014	Image identification device, image identification method, image identification program, and recording medium
8	2528017		BG	Active	3/26/2012	12/3/2014	Image identification device, image identification method, image identification program, and recording medium
8	2528017		DE	Active	3/26/2012	12/3/2014	Image identification device, image identification method, image identification program, and recording medium
8	2528017		FR	Active	3/26/2012	12/3/2014	Image identification device, image identification method, image identification program, and recording medium
8	2528017		GB	Active	3/26/2012	12/3/2014	Image identification device, image identification method, image identification program, and recording medium
8	2528017		HU	Active	3/26/2012	12/3/2014	Image identification device, image identification method, image identification program, and recording medium
8	2528017		MK	Active	3/26/2012	12/3/2014	Image identification device, image identification method, image identification program, and recording medium
8	2528017		MT	Active	3/26/2012	12/3/2014	Image identification device, image identification method, image identification program, and recording medium
8	2528017		SM	Active	3/26/2012	12/3/2014	Image identification device, image identification method, image identification program, and recording medium

Family	Patent No. / Pub. No.	App. No.	Country	Status	File Date	Issue Date / Pub. Date	Title
8	2528017		TR	Active	3/26/2012	12/3/2014	Image identification device, image identification method, image identification program, and recording medium
8	2528017		AT	Expired	3/26/2012	12/3/2014	Image identification device, image identification method, image identification program, and recording medium
8	2528017		BE	Expired	3/26/2012	12/3/2014	Image identification device, image identification method, image identification program, and recording medium
8	2528017		CH	Expired	3/26/2012	12/3/2014	Image identification device, image identification method, image identification program, and recording medium
8	2528017		CY	Expired	3/26/2012	12/3/2014	Image identification device, image identification method, image identification program, and recording medium
8	2528017		CZ	Expired	3/26/2012	12/3/2014	Image identification device, image identification method, image identification program, and recording medium
8	2528017		DK	Expired	3/26/2012	12/3/2014	Image identification device, image identification method, image identification program, and recording medium
8	2528017		EE	Expired	3/26/2012	12/3/2014	Image identification device, image identification method, image identification program, and recording medium
8	2528017		ES	Expired	3/26/2012	12/3/2014	Image identification device, image identification method, image identification program, and recording medium
8	2528017		FI	Expired	3/26/2012	12/3/2014	Image identification device, image identification method, image identification program, and recording medium
8	2528017		GR	Expired	3/26/2012	12/3/2014	Image identification device, image identification method, image identification program, and recording medium
8	2528017		HR	Expired	3/26/2012	12/3/2014	Image identification device, image identification method, image identification program, and recording medium

Family	Patent No. / Pub. No.	App. No.	Country	Status	File Date	Issue Date / Pub. Date	Title
8	2528017		IE	Expired	3/26/2012	12/3/2014	Image identification device, image identification method, image identification program, and recording medium
8	2528017		IS	Expired	3/26/2012	12/3/2014	Image identification device, image identification method, image identification program, and recording medium
8	2528017		IT	Expired	3/26/2012	12/3/2014	Image identification device, image identification method, image identification program, and recording medium
8	2528017		LI	Expired	3/26/2012	12/3/2014	Image identification device, image identification method, image identification program, and recording medium.
8	2528017		LT	Expired	3/26/2012	12/3/2014	Image identification device, image identification method, image identification program, and recording medium
8	2528017		LU	Expired	3/26/2012	12/3/2014	Image identification device, image identification method, image identification program, and recording medium
8	2528017		LV	Expired	3/26/2012	12/3/2014	Image identification device, image identification method, image identification program, and recording medium
8	2528017		MC	Expired	3/26/2012	12/3/2014	Image identification device, image identification method, image identification program, and recording medium
8	2528017		NL	Expired	3/26/2012	12/3/2014	Image identification device, image identification method, image identification program, and recording medium
8	2528017		NO	Expired	3/26/2012	12/3/2014	Image identification device, image identification method, image identification program, and recording medium
8	2528017		PL	Expired	3/26/2012	12/3/2014	Image identification device, image identification method, image identification program, and recording medium
8	2528017		PT	Expired	3/26/2012	12/3/2014	Image identification device, image identification method, image identification program, and recording medium

Family	Patent No. / Pub. No.	App. No.	Country	Status	File Date	Issue Date / Pub. Date	Title
8	2528017		RO	Expired	3/26/2012	12/3/2014	Image identification device, image identification method, image identification program, and recording medium
8	2528017		RS	Expired	3/26/2012	12/3/2014	Image identification device, image identification method, image identification program, and recording medium
8	2528017		SE	Expired	3/26/2012	12/3/2014	Image identification device, image identification method, image identification program, and recording medium
8	2528017		SI	Expired	3/26/2012	12/3/2014	Image identification device, image identification method, image identification program, and recording medium
8	2528017		SK	Expired	3/26/2012	12/3/2014	Image identification device, image identification method, image identification program, and recording medium
8	JP5668932	JP2010114665	JP	Active	5/23/2011	2/12/2015	Image identification device, image identification method, image identification program and recording medium
8	CN102799854	CN2012182473	CN	Active	3/26/2012	9/28/2016	Image identification device and image identification method