

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Kota ITO</td> <td>03/06/2012</td> </tr> <tr> <td>Mineki SOGA</td> <td>03/06/2012</td> </tr> <tr> <td>Cristiano NICLASS</td> <td>03/06/2012</td> </tr> <tr> <td>Radivoje S. POPOVIC</td> <td>02/24/2012</td> </tr> <tr> <td>Marc LANY</td> <td>03/04/2012</td> </tr> <tr> <td>Toshiki KINDO</td> <td>03/06/2012</td> </tr> </tbody> </table>		Name	Execution Date	Kota ITO	03/06/2012	Mineki SOGA	03/06/2012	Cristiano NICLASS	03/06/2012	Radivoje S. POPOVIC	02/24/2012	Marc LANY	03/04/2012	Toshiki KINDO	03/06/2012
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Toshiki KINDO	03/06/2012														
RECEIVING PARTY DATA															
Name:	TOYOTA JIDOSHA KABUSHIKI KAISHA														
Street Address:	1, Toyota-cho														
City:	Toyota-shi, Aichi-ken														
State/Country:	JAPAN														
Postal Code:	471-8571														
PROPERTY NUMBERS Total: 1															
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13514220</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13514220										
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Application Number:	13514220														
CORRESPONDENCE DATA															
Fax Number:	(202)293-7860														
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Email:	sahmed@sughrue.com, sughrue@sughrue.com														
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>															
Correspondent Name:	SUGHRUE MION, PLLC														
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Address Line 2:	SUITE 800														
Address Line 4:	WASHINGTON, DISTRICT OF COLUMBIA 20037														
ATTORNEY DOCKET NUMBER:	Q130461														

OP \$40.00 13514220

NAME OF SUBMITTER:

Sahar A. Ahmed, New Apps Specialist

Total Attachments: 4

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Assignment

Whereas, I/We, Kota ITO, Mineki SOGA, Cristiano NICLASS, Radivoje S. POPOVIC, Marc LANY and Toshiki KINDO

hereinafter called assignor(s), have invented certain improvements in
PHOTODETECTOR

and executed an application for Letters Patent of the United States of America therefor on
February 24, 2012 ; and

Whereas, TOYOTA JIDOSHA KABUSHIKI KAISHA of
1, Toyota-cho, Toyota-shi, Aichi-ken, 471-8571 Japan

(assignee), desires to acquire the entire right, title, and interest in the application and
invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named
assignee, its successors and assigns, the entire right, title and interest in the application and the
invention disclosed therein for the United States of America, including the right to claim priority
under 35 U.S.C. §119, and I/we request the Director of the U.S. Patent and Trademark Office to
issue any Letters Patent granted upon the invention set forth in the application to the assignee, its
successors and assigns; and I/we will execute without further consideration all papers deemed
necessary by the assignee in connection with the United States application when called upon to
do so by the assignee.

I/We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100
Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses
(Application number 13/514,220 and Confirmation number
6040, filed June 6, 2012) the application
number and filing date of said application when known.

Date: _____
s/ Kota ITO

Date: _____
s/Mineki SOGA

Date: _____
s/Cristiano NICLASS

Date: 24 Feb. 2012, R. Popovic
s/ Radivoje S. POPOVIC

PCT/JP2011/056814

Date: March 4th 2012 Marc Lany
s/Marc LANY

Date: _____
s/Toshiki KINDO

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)

Assignment

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Date: March 6, 2012 Kota Ito
s/ Kota ITO

Date: March 6, 2012 Mineki Soga
s/Mineki SOGA

Date: March 6, 2012 Cristiano Nicclass
s/Cristiano NICCLASS

Date: _____
s/ Radivoje S. POPOVIC

PCT/JP2011/056814

Date:

s/Marc LANY

Date:

March 6, 2012

Toshiki Kondo

s/Toshiki KINDO

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