

## PATENT ASSIGNMENT

Electronic Version v1.1  
 Stylesheet Version v1.1

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>Ryota KAGA</td> <td>02/09/2012</td> </tr> <tr> <td>Atsushi SATO</td> <td>02/09/2012</td> </tr> <tr> <td>Junichi SHINOHARA</td> <td>02/09/2012</td> </tr> <tr> <td>Shu KAMBE</td> <td>02/09/2012</td> </tr> <tr> <td>Takashi TADA</td> <td>02/09/2012</td> </tr> </tbody> </table>		Name	Execution Date	Ryota KAGA	02/09/2012	Atsushi SATO	02/09/2012	Junichi SHINOHARA	02/09/2012	Shu KAMBE	02/09/2012	Takashi TADA	02/09/2012
Name	Execution Date												
Ryota KAGA	02/09/2012												
Atsushi SATO	02/09/2012												
Junichi SHINOHARA	02/09/2012												
Shu KAMBE	02/09/2012												
Takashi TADA	02/09/2012												
RECEIVING PARTY DATA													
Name:	RICOH COMPANY, LTD.												
Street Address:	3-6, Nakamagome 1-chome, Ohta-ku												
City:	Tokyo												
State/Country:	JAPAN												
Postal Code:	143-8555												
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>13392959</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13392959								
Property Type	Number												
Application Number:	13392959												
CORRESPONDENCE DATA													
Fax Number:	(703)413-2220												
Phone:	(703) 413-3000												
Email:	LDjeudjang@oblon.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:	Oblon, Spivak, et al.												
Address Line 1:	1940 Duke Street												
Address Line 4:	Alexandria, VIRGINIA 22314												
ATTORNEY DOCKET NUMBER:	394637US28PCT												
NAME OF SUBMITTER:	Leonie Djeudjang												
Total Attachments: 2 source=394637USAssignment#page1.tif source=394637USAssignment#page2.tif													

OP \$40.00 13392959



Further, I (WE) agree that I (WE) will communicate to said ASSIGNEE or its (his) representatives any facts known to me (us) respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of Oblon, Spivak, McClelland, Maier & Neustadt, L.L.P. of 1940 Duke Street, Alexandria, Virginia 22314 the power to insert on this assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: February 9, 2012 *Ryota Kaga*  
 (Signature of Inventor) Ryota KAGA

Date: February 9, 2012 *Atsushi Sato*  
 (Signature of Inventor) Atsushi SATO

Date: February 9, 2012 *Junichi Shinozawa*  
 (Signature of Inventor) Junichi SHINOHARA

Date: February 9, 2012 *Shu Kambe*  
 (Signature of Inventor) Shu KAMBE

Date: February 9, 2012 *Takashi Tada*  
 (Signature of Inventor) Takashi TADA

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, L.L.P.  
ATTORNEYS AT LAW  
1940 DUKE STREET  
ALEXANDRIA, VIRGINIA 22314