

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>Yusuke NONOYAMA</td> <td>07/09/2012</td> </tr> <tr> <td>Kiyoshi YAMAGUCHI</td> <td>07/09/2012</td> </tr> </tbody> </table>		Name	Execution Date	Yusuke NONOYAMA	07/09/2012	Kiyoshi YAMAGUCHI	07/09/2012
Name	Execution Date						
Yusuke NONOYAMA	07/09/2012						
Kiyoshi YAMAGUCHI	07/09/2012						
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>13545282</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13545282		
Property Type	Number						
Application Number:	13545282						
CORRESPONDENCE DATA							
Fax Number:	(703)413-2220						
Phone:	(703) 413-3000						
Email:	aworden@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:	401763US28						
NAME OF SUBMITTER:	Alva T. Worden						
Total Attachments: 2 source=401763USASSIGN#page1.tif source=401763USASSIGN#page2.tif							

OP \$40.00 13545282

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: July 9, 2012

Yusuke Nonoyama
(Signature of Inventor) Yusuke NONOYAMA

Date: July 9, 2012

Kiyoshi Yamaguchi
(Signature of Inventor) Kiyoshi YAMAGUCHI

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

07/09