

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>Hikomichi MATSUDA</td> <td>07/04/2012</td> </tr> <tr> <td>Katsuaki MIYAWAKI</td> <td>07/04/2012</td> </tr> <tr> <td>Tetsuo WATANABE</td> <td>07/04/2012</td> </tr> <tr> <td>Yasuhiro MAEHATA</td> <td>07/04/2012</td> </tr> <tr> <td>Keisuke SHIMIZU</td> <td>07/06/2012</td> </tr> </tbody> </table>		Name	Execution Date	Hikomichi MATSUDA	07/04/2012	Katsuaki MIYAWAKI	07/04/2012	Tetsuo WATANABE	07/04/2012	Yasuhiro MAEHATA	07/04/2012	Keisuke SHIMIZU	07/06/2012
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Keisuke SHIMIZU	07/06/2012												
RECEIVING PARTY DATA													
Name:	Ricoh Company, Ltd.												
Street Address:	3-6, Nakamagome 1-chome												
City:	Ohta-ku, 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>13556475</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13556475								
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Application Number:	13556475												
CORRESPONDENCE DATA													
Fax Number:	7034132220												
Phone:	(703) 413-3000												
Email:	ehasan@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:	401759US28												
NAME OF SUBMITTER:	Emel Hasan												
Total Attachments: 2 source=401759USASN#page1.tif source=401759USASN#page2.tif													

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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: <u>July 4, 2012</u>	<u>Hiroichi Matsuda</u> (Signature of Inventor) HIROMICHI MATSUDA
Date: <u>July 4, 2012</u>	<u>Katsuaki Miyawaki</u> (Signature of Inventor) KATSUAKI MIYAWAKI
Date: <u>July 4, 2012</u>	<u>Tetsuo Watanabe</u> (Signature of Inventor) TETSUO WATANABE
Date: <u>July 4, 2012</u>	<u>Yasuhiro Maehata</u> (Signature of Inventor) YASUHIRO MAEHATA
Date: <u>July 6, 2012</u>	<u>Keisuke Shimizu</u> (Signature of Inventor) KEISUKE SHIMIZU
Date: _____	_____ (Signature of Inventor)

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