

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>Yoshihiro MORIYA</td> <td>09/04/2012</td> </tr> <tr> <td>Masahide YAMADA</td> <td>09/05/2012</td> </tr> <tr> <td>Taichi NEMOTO</td> <td>09/04/2012</td> </tr> <tr> <td>Yukiko NAKAJIMA</td> <td>09/07/2012</td> </tr> <tr> <td>Yoshitaka YAMAUCHI</td> <td>09/04/2012</td> </tr> <tr> <td>Daiki YAMASHITA</td> <td>09/05/2012</td> </tr> <tr> <td>Keiji MAKABE</td> <td>09/05/2012</td> </tr> <tr> <td>Akiyoshi SABU</td> <td>09/05/2012</td> </tr> <tr> <td>Suzuka AMEMORI</td> <td>09/05/2012</td> </tr> </tbody> </table>		Name	Execution Date	Yoshihiro MORIYA	09/04/2012	Masahide YAMADA	09/05/2012	Taichi NEMOTO	09/04/2012	Yukiko NAKAJIMA	09/07/2012	Yoshitaka YAMAUCHI	09/04/2012	Daiki YAMASHITA	09/05/2012	Keiji MAKABE	09/05/2012	Akiyoshi SABU	09/05/2012	Suzuka AMEMORI	09/05/2012
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Akiyoshi SABU	09/05/2012																				
Suzuka AMEMORI	09/05/2012																				
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>13609627</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13609627																
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Application Number:	13609627																				
CORRESPONDENCE DATA																					
Fax Number:	7034132220																				
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Correspondent Name:	Oblon, Spivak, et al.																				
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OP \$40.00 13609627

ATTORNEY DOCKET NUMBER:	404241US99
NAME OF SUBMITTER:	Jessica Abarca
Total Attachments: 3 source=404241USAssignment#page1.tif source=404241USAssignment#page2.tif source=404241USAssignment#page3.tif	

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: September 4, 2012

Yoshihiro Moriya
(Signature of Inventor) YOSHIHIRO MORIYA

Date: September 4, 2012

Masahide Yamada
(Signature of Inventor) MASAHIDE YAMADA

Date: September 4, 2012

Taichi Nemoto
(Signature of Inventor) TAICHI NEMOTO

Date: _____

(Signature of Inventor) YUKIKO NAKAJIMA

Date: September 4, 2012

Yoshitaka Yamachi
(Signature of Inventor) YOSHITAKA YAMAUCHI

Date: September 5, 2012

Daiki Yamashita
(Signature of Inventor) DAIKI YAMASHITA

Date: September 5, 2012

Keiji Makabe
(Signature of Inventor) KEIJI MAKABE

Date: September 5, 2012

Akiyoshi Sabu
(Signature of Inventor) AKIYOSHI SABU

Date: September 5, 2012

Suzuka Amemori
(Signature of Inventor) SUZUKA AMEMORI

Date: _____

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Date: _____
(Signature of Inventor) YOSHIHIRO MORIYA

Date: _____
(Signature of Inventor) MASAHIDE YAMADA

Date: _____
(Signature of Inventor) TAICHI NEMOTO

Date: September 7, 2012
(Signature of Inventor) *Yukiko Nakajima*
YUKIKO NAKAJIMA

Date: _____
(Signature of Inventor) YOSHITAKA YAMAUCHI

Date: _____
(Signature of Inventor) DAIKI YAMASHITA

Date: _____
(Signature of Inventor) KEIJI MAKABE

Date: _____
(Signature of Inventor) AKIYOSHI SABU

Date: _____
(Signature of Inventor) SUZUKA AMEMORI

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07/09