

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>Nobuyasu MAKINO</td> <td>02/01/2012</td> </tr> <tr> <td>Kazuo KURATANI</td> <td>02/01/2012</td> </tr> </tbody> </table>		Name	Execution Date	Nobuyasu MAKINO	02/01/2012	Kazuo KURATANI	02/01/2012
Name	Execution Date						
Nobuyasu MAKINO	02/01/2012						
Kazuo KURATANI	02/01/2012						
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>13368884</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13368884		
Property Type	Number						
Application Number:	13368884						
CORRESPONDENCE DATA							
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NAME OF SUBMITTER:	Roberto Negrón						
Total Attachments: 2 source=394470USAssignment#page1.tif source=394470USAssignment#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: February 1, 2012

NOBUYASU MAKINO
(Signature of Inventor) NOBUYASU MAKINO

Date: February 1, 2012

KAZUO KURATANI
(Signature of Inventor) KAZUO KURATANI

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

Date: _____

(Signature of Inventor)

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