

## PATENT ASSIGNMENT

Electronic Version v1.1  
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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>Hitoshi Kato</td> <td>04/06/2012</td> </tr> <tr> <td>Naoki Ishikawa</td> <td>04/06/2012</td> </tr> <tr> <td>Yasuo Fukatsu</td> <td>04/06/2012</td> </tr> <tr> <td>Tomoharu Sato</td> <td>04/06/2012</td> </tr> </tbody> </table>		Name	Execution Date	Hitoshi Kato	04/06/2012	Naoki Ishikawa	04/06/2012	Yasuo Fukatsu	04/06/2012	Tomoharu Sato	04/06/2012
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Canon Kabushiki Kaisha</td> </tr> <tr> <td>Street Address:</td> <td>30-2, Shimomaruko 3-Chome, Ohta-ku</td> </tr> <tr> <td>City:</td> <td>Tokyo</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> <tr> <td>Postal Code:</td> <td>146-8501</td> </tr> </table>		Name:	Canon Kabushiki Kaisha	Street Address:	30-2, Shimomaruko 3-Chome, Ohta-ku	City:	Tokyo	State/Country:	JAPAN	Postal Code:	146-8501
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PROPERTY NUMBERS Total: 1											
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Application Number:	13432168										
CORRESPONDENCE DATA											
<p>Fax Number: (949)932-3577</p> <p>Phone: +81-3-5732-8698</p> <p>Email: prj-epas@list.canon.co.jp</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: Canon Kabushiki Kaisha</p> <p>Address Line 1: 30-2, Shimomaruko 3-Chome, Ohta-ku</p> <p>Address Line 4: Tokyo, JAPAN 146-8501</p>											
ATTORNEY DOCKET NUMBER:	10103202US01										
NAME OF SUBMITTER:	Mayu Nakajima										
<p>Total Attachments: 2</p> <p>source=10103202US01Assignment#page1.tif</p> <p>source=10103202US01Assignment#page2.tif</p>											

CH \$40.00 13432168

**PATENT**  
**REEL: 028406 FRAME: 0107**

AND I/we hereby covenant that I/we have the full right to convey the entire right, title and interest herein assigned and that I/we have not executed and will not execute any agreement in conflict herewith.

AND I/we hereby covenant and agree that I/we will communicate to said Assignee or nominees all facts known to me/us pertaining to said inventions, and testify in all legal proceedings, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and declarations and in general perform all lawful acts necessary or proper to aid said Assignee or nominees in obtaining, maintaining, and enforcing all lawful patent or other grants of protection of said inventions in any and all countries and regions.

By: Nitoshi Kato  
Hitoshi Kato

Date: April 6, 2012

By: Naoki Ishikawa  
Naoki Ishikawa

Date: April 6, 2012

By: Yasuo Fukatsu  
Yasuo Fukatsu

Date: April 6, 2012

By: Tomoharu Sato  
Tomoharu Sato

Date: April 6, 2012

By: \_\_\_\_\_

Date: \_\_\_\_\_

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