

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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>Kei Kosaka</td> <td>09/11/2012</td> </tr> <tr> <td>Minoru Teshigawara</td> <td>09/11/2012</td> </tr> <tr> <td>Atsushi Sakamoto</td> <td>09/11/2012</td> </tr> <tr> <td>Takeshi Murase</td> <td>09/11/2012</td> </tr> <tr> <td>Yoshiyuki Honda</td> <td>09/11/2012</td> </tr> </tbody> </table>	Name	Execution Date	Kei Kosaka	09/11/2012	Minoru Teshigawara	09/11/2012	Atsushi Sakamoto	09/11/2012	Takeshi Murase	09/11/2012	Yoshiyuki Honda	09/11/2012	
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Takeshi Murase	09/11/2012												
Yoshiyuki Honda	09/11/2012												
RECEIVING PARTY DATA													
Name:	Canon Kabushiki Kaisha												
Street Address:	30-2, Shimomaruko 3-Chome, Ohta-ku												
City:	Tokyo												
State/Country:	JAPAN												
Postal Code:	146-8501												
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>13618467</td> </tr> </tbody> </table>	Property Type	Number	Application Number:	13618467									
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CORRESPONDENCE DATA													
Fax Number:	9499323577												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone:	+81-3-5732-8698												
Email:	prj-epas@list.canon.co.jp												
Correspondent Name:	Canon Kabushiki Kaisha												
Address Line 1:	30-2, Shimomaruko 3-Chome, Ohta-ku												
Address Line 4:	Tokyo, JAPAN 146-8501												
ATTORNEY DOCKET NUMBER:	10103528US01												
NAME OF SUBMITTER:	Mayu Nakajima												
Total Attachments: 2 source=10103528US01a#page1.tif source=10103528US01a#page2.tif													

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PATENT
REEL: 029665 FRAME: 0965

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: Kei Kosaka
Kei Kosaka

Date: September 11, 2012

By: Minoru Teshigawara
Minoru Teshigawara

Date: September 11, 2012

By: Atsushi Sakamoto
Atsushi Sakamoto

Date: September 11, 2012

By: Takeshi Murase
Takeshi Murase

Date: September 11, 2012

By: Yoshiyuki Honda
Yoshiyuki Honda

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