

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>Kentaro Sano</td> <td>06/24/2013</td> </tr> <tr> <td>Masato Muraki</td> <td>06/24/2013</td> </tr> <tr> <td>Akira Miyake</td> <td>06/24/2013</td> </tr> <tr> <td>Yoshikiyo Yui</td> <td>06/24/2013</td> </tr> </tbody> </table>		Name	Execution Date	Kentaro Sano	06/24/2013	Masato Muraki	06/24/2013	Akira Miyake	06/24/2013	Yoshikiyo Yui	06/24/2013
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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>13835154</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13835154						
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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:	10112194US01										
NAME OF SUBMITTER:	Mayu Nakajima										
Signature:	/Mayu Nakajima/										

Date:

07/26/2013

Total Attachments: 2

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ASSIGNMENT

FOR VALUE RECEIVED. I/WE

Kentaro SanoMasato MurakiAkira MiyakeYoshikiyo Yui

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hereby sell, assign, transfer and convey unto CANON KABUSHIKI KAISHA

a corporation of Japan

having a place of business at 30-2, Shimomaruko 3-chome, Ohta-ku, Tokyo, Japan

its successors, assigns and legal representatives (hereinafter called the "Assignee"), the entire right, title, and interest, for all countries, in and to certain inventions relating to

CHARGED PARTICLE OPTICAL SYSTEM, DRAWING APPARATUS, AND METHOD OF MANUFACTURING ARTICLE

and described in an application for Letters Patent of the United States executed by me/us, and filed on March 15, 2013 as United States Application No. 13/835154 or as PCT International Application No.

and in and to said application, and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues and extensions thereof, and all applications for Letters Patent or other grants of protection of proprietary rights including, but not limited to, inventor's certificate, utility model, utility certificate, patent of importation, registration of patent and industrial design registration which may be filed, and which may be granted, upon said inventions in any countries or regions foreign to the United States, and all reissues, renewals and extensions thereof; and I/we hereby authorize and request the Commissioner for Patents and Trademarks of the United States, and all officials of countries or regions foreign to the United States having authority to do so, to issue all such Letters Patent or other grants of protection upon said inventions to the Assignee or to such nominees as it may designate.

AND I/we authorize and empower the said Assignee or nominee to invoke and claim for any application for such Letters Patent or other grants of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by a convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from me/us.

AND I/we hereby consent that a copy of this assignment shall be deemed a full and formal equivalent of any assignment, consent to file or like document which may be required in any country or region for any purpose and

more particularly in proof of the right of the said Assignee or nominee to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

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 assignees all facts known to us/us pertaining to said invention, 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 assignees in obtaining, maintaining, and enforcing all lawful patent or other grants of protection of said invention in any and all countries and regions.

By: Kentaro Sano
Kentaro Sano

Date: June 24, 2013

By: Masato Muraki
Masato Muraki

Date: Jan 24, 2013

By: Akira Miyake
Akira Miyake

Date: June 24, 2013

By: Yoshikiyo Yui
Yoshikiyo Yui

Date: June 24, 2013

By: _____

Date: _____

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