

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>Makoto Shihoh</td> <td>09/25/2012</td> </tr> <tr> <td>Akio Atsuta</td> <td>09/26/2012</td> </tr> <tr> <td>Shinya Kudo</td> <td>11/15/2012</td> </tr> </tbody> </table>		Name	Execution Date	Makoto Shihoh	09/25/2012	Akio Atsuta	09/26/2012	Shinya Kudo	11/15/2012
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Makoto Shihoh	09/25/2012								
Akio Atsuta	09/26/2012								
Shinya Kudo	11/15/2012								
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>13556857</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13556857				
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Application Number:	13556857								
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:	10109180US01								
NAME OF SUBMITTER:	Mayu Nakajima								
Total Attachments: 2 source=10109180US01Assignment#page1.tif source=10109180US01Assignment#page2.tif									

CH \$40.00 13556857

PATENT

ASSIGNMENT

FOR VALUE RECEIVED, I/WE

Makoto ShihohAkio AtsutaShinya Kudo

hereby sell, assign, transfer and convey unto **CANON KABUSHIKI KAISHA**a corporation of **Japan**having a place of business at **30-2, Shinomaruko 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

CORRECTING OPTICAL DEVICE AND IMAGE PICKUP APPARATUS

and described in an application for Letters Patent of the United States executed by me/us, and
 filed on **July 24, 2012** as **United States Application No. 13/556857** 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 nominees 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 hereafter 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 nominees 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 hereafter 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 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: Makoto Shihoh
Makoto Shihoh

Date: September 25, 2012

By: Akio Atsuta
Akio Atsuta

Date: September 26, 2012

By: Shinya Kudo
Shinya Kudo

Date: November 15, 2012

By: _____

Date: _____

By: _____

Date: _____

By: _____

Date: _____

By: _____

Date: _____

By: _____

Date: _____

By: _____

Date: _____

By: _____

Date: _____