

## 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>Yohei KUWABARA</td> <td>05/10/2013</td> </tr> <tr> <td>Akinori ARAYA</td> <td>05/10/2013</td> </tr> <tr> <td>Kunihiko SASAKI</td> <td>05/10/2013</td> </tr> </tbody> </table>		Name	Execution Date	Yohei KUWABARA	05/10/2013	Akinori ARAYA	05/10/2013	Kunihiko SASAKI	05/10/2013				
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<table border="1"> <tr> <td>Name:</td> <td>OLYMPUS CORPORATION</td> </tr> <tr> <td>Street Address:</td> <td>43-2, Hatagaya 2-chome</td> </tr> <tr> <td>Internal Address:</td> <td>Shibuya-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>151-0072</td> </tr> </table>		Name:	OLYMPUS CORPORATION	Street Address:	43-2, Hatagaya 2-chome	Internal Address:	Shibuya-ku	City:	Tokyo	State/Country:	JAPAN	Postal Code:	151-0072
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CORRESPONDENCE DATA													
<p>Fax Number: 2123195101  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 2123194900        Email: USPTO@HHPATENT.COM        Correspondent Name: HOLTZ, HOLTZ, GOODMAN &amp; CHICK PC        Address Line 1: 220 Fifth Avenue        Address Line 2: 16TH Floor        Address Line 4: NEW YORK, NEW YORK 10001-7708</p>													
ATTORNEY DOCKET NUMBER:	13416												
NAME OF SUBMITTER:	Blake Edward Lieberman												
Signature:	/Blake Edward Lieberman/												
Date:	06/04/2013												
Total Attachments: 1 source=13416_assignment#page1.tif													

OP \$40.00 13895216

PATENT

FHG&amp;C 05/2005

**ASSIGNMENT**

In consideration of value received, I, having a residence and post office address as stated below next to my name, the sole inventor (if only one name is listed below) or a joint inventor (if plural names are listed below) of an invention described in an application for United States patent entitled:

PHOTODETECTOR

sell and assign to OLYMPUS CORPORATION

a corporation of Japan

having a business address at 43-2, Hatagaya 2-chome, Shibuya-ku, Tokyo, Japan

its successors, assigns or nominees, hereinafter referred to as "Assignee", my entire right, title and interest in and to said invention as disclosed, shown and described in said application for United States patent executed concurrently herewith;

and in and to all applications for patent and patents for said invention, in all countries of the world, including all divisions, reissues, continuations, substitutions and extensions thereof and all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property, including rights of priority, resulting from the filing of any of said applications; and I authorize and request any official whose duty it is to issue patents, to issue any patent on said invention or resulting therefrom to said Assignee, and I agree that on request and without further consideration, but at the expense of said Assignee, I will communicate to said Assignee or its representatives all facts known to me respecting said invention and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue, or other applications, make all rightful oaths and declarations, and generally do everything possible to aid said Assignee to obtain and enforce proper patent protection for said invention in all countries.

I hereby grant to any attorney member of the following law firm the power to insert on this Assignment the Serial Number and filing date of said application when known.

US 13/895,216

SERIAL NO.:

FILING DATE: May 15, 2013

Frishauf, Holtz, Goodman & Chick, P.C., 220 Fifth Avenue – 16<sup>th</sup> Floor, New York, NY 10001-7708.

INVENTOR: SIGNATURE	DATE	ADDRESS
Sign: <i>Yohei Kuwabara</i>	Date: May 10, 2013	Address: c/o OLYMPUS CORPORATION, 43-2, Hatagaya 2-chome, Shibuya-ku, Tokyo 151-0072, Japan
Type: Yohei KUWABARA	Witness: <i>[Signature]</i> Kunio UEDA	
Sign: <i>Akinori Araya</i>	Date: May 10, 2013	Address: c/o OLYMPUS CORPORATION, 43-2, Hatagaya 2-chome, Shibuya-ku, Tokyo 151-0072, Japan
Type: Akinori ARAYA	Witness: <i>[Signature]</i> Kunio UEDA	
Sign: <i>Kunihiko Sasaki</i>	Date: May 10, 2013	Address: c/o OLYMPUS CORPORATION, 43-2, Hatagaya 2-chome, Shibuya-ku, Tokyo 151-0072, Japan
Type: Kunihiko SASAKI	Witness: <i>[Signature]</i> Kunio UEDA	

NOTES: MUST BE DATED.

WITNESS DESIRABLE.

LEGALIZATION NOT REQUIRED

RECORDING OFFICER:

After recording, please return to: Customer No. 01933  
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**PATENT**

RECORDED: 06/04/2013

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