

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3476563

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
NAOHIRO TAKAZAWA	07/13/2015
YOSHIKI TAKEMOTO	07/10/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	OLYMPUS CORPORATION
<b>Street Address:</b>	43-2, HATAGAYA 2-CHOME, SHIBUYA-KU
<b>City:</b>	TOKYO
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	151-0072
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14822197
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(202)822-1111
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	202-822-1100
<b>Email:</b>	patentmail@whda.com
<b>Correspondent Name:</b>	WESTERMAN, HATTORI, DANIELS & ADRIAN, LL
<b>Address Line 1:</b>	1250 CONNECTICUT AVENUE, NW
<b>Address Line 2:</b>	SUITE 700
<b>Address Line 4:</b>	WASHINGTON, D.C. 20036
<b>ATTORNEY DOCKET NUMBER:</b>	151008
<b>NAME OF SUBMITTER:</b>	FLORA DELIXIATI
<b>SIGNATURE:</b>	/Flora Delixiati/
<b>DATE SIGNED:</b>	08/10/2015
<b>Total Attachments: 1</b>	
source=151008_Assignment_8-10-2015#page1.tif	

Docket No. \_\_\_\_\_

Westerman, Hattori, Daniels &amp; Adrian, LLP

**U.S. ASSIGNMENT**

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR) by

(Insert ASSIGNEE's  
Name(s) Address(es))

**OLYMPUS CORPORATION****of 43-2, Hatagaya 2-chome, Shibuya-ku, Tokyo 151-0072 Japan**

(hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled

(Title of Invention)

**SEMICONDUCTOR SUBSTRATE, IMAGE PICKUP ELEMENT, AND  
IMAGE PICKUP APPARATUS**

(\*If the assignment is  
being filed after the  
filing of the  
application, this  
section must be  
completed)

for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below:

\* filed on \_\_\_\_\_ Serial No. \_\_\_\_\_

(Westerman, Hattori, Daniels & Adrian, LLP is hereby authorized to insert the series code, serial number and/or filing date hereon, when known)

and all Letters Patent of the United States to be obtained therefore on said application or any continuation, divisional, substitute, reissue or reexamination thereof for the full term or terms for which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with the application and any continuation, divisional, reissue or reexamination applications thereof and also to execute separate assignments in connection with such applications as the ASSIGNEE may deem necessary or expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference, litigation, or other legal proceeding which may be declared concerning this application or any continuation, divisional, reissue or reexamination thereof or Letters Patent or reissue patent issued thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing evidence and proceeding with such interference, litigation, or other legal proceeding.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

(Signatures)

<u>Naohiro Takazawa</u> (Signature)	<u>Naohiro TAKAZAWA</u> (Type Name)	<u>Jul. 13, 2015</u> (Date)
<u>Yoshiaki Takemoto</u> (Signature)	<u>Yoshiaki TAKEMOTO</u> (Type Name)	<u>Jul. 10, 2015</u> (Date)
_____ (Signature)	_____ (Type Name)	_____ (Date)
_____ (Signature)	_____ (Type Name)	_____ (Date)
_____ (Signature)	_____ (Type Name)	_____ (Date)
_____ (Signature)	_____ (Type Name)	_____ (Date)

NO LEGALIZATION REQUIRED

**PATENT****RECORDED: 08/10/2015****REEL: 036291 FRAME: 0087**