

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>Giacinto Busico</td> <td>01/17/2012</td> </tr> <tr> <td>Neil David Whitbread</td> <td>01/18/2012</td> </tr> <tr> <td>Andrew John Ward</td> <td>01/17/2012</td> </tr> <tr> <td>Andrew Moseley</td> <td>01/20/2012</td> </tr> </tbody> </table>		Name	Execution Date	Giacinto Busico	01/17/2012	Neil David Whitbread	01/18/2012	Andrew John Ward	01/17/2012	Andrew Moseley	01/20/2012
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RECEIVING PARTY DATA											
Name:	Oclaro Technology Limited										
Street Address:	Caswell, Towcester										
City:	Northamptonshire										
State/Country:	UNITED KINGDOM										
Postal Code:	NN12 8EQ										
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>13383406</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13383406						
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Application Number:	13383406										
CORRESPONDENCE DATA											
Fax Number:	(713)623-4846										
Phone:	7136234844										
Email:	psdocketing@pattersonsheridan.com, cmeinhardt@pattersonsheridan.com										
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>											
Correspondent Name:	Patterson & Sheridan, L.L.P.										
Address Line 1:	3040 Post Oak Blvd., Suite 1500										
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ATTORNEY DOCKET NUMBER:	AVAN/002116USP/CM										
NAME OF SUBMITTER:	Walter C. Grollitsch										
Total Attachments: 2 source=AVAN002116USP_Assignment#page1.tif source=AVAN002116USP_Assignment#page2.tif											

OP \$40.00 13383406

ASSIGNMENT FOR APPLICATION FOR PATENT

WHEREAS:

Names and Addresses
of Inventors:

1)	Giacinto Busico 70 Colwyn Road Northampton NN1 3PX Great Britain	2)	Neil David Whitbread 60 Milton Street Northampton NN2 7JF Great Britain
3)	Andrew John Ward 3 Church View, Moulton Northampton NN3 7FZ Great Britain	4)	Andrew Moseley Benu Vista Stowe Nine Churches Church Stowe Northamptonshire NN7 4SG Great Britain

(hereinafter referred to as Assignors), have invented a certain invention entitled:

INTEGRATED PHOTODIODE WAVELENGTH MONITOR

- for which application for Letters Patent in the United States was filed on January 10, 2012, under Serial No. 13/383,406;
- I/we hereby authorize and request our attorneys, Patterson & Sheridan of 3040 Post Oak Boulevard, Suite 1500, Houston, Texas 77056, to insert here in parentheses (Application number _____ and filed _____) the filing date and application number of said application when known;

and

WHEREAS, OCLARO TECHNOLOGY LIMITED, having a place of business at Caswell, Towcester, Northamptonshire, NN12 8EQ, Great Britain (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said application (hereinafter referred to as Application), and the invention disclosed therein (hereinafter referred to as Invention), and in and to all embodiments of the Invention, heretofore conceived, made or discovered by said Assignors, and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter referred to as Patents) thereon granted in any and all countries and groups of countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Assignors to have been received in full from said Assignee:

1. Said Assignors hereby sell, assign, transfer and convey to Assignee the full and exclusive right, title and interest (a) in and to said Application and said Invention; (b) in and to all rights to apply for patents on said Invention in any and all countries pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all Applications filed and any and all Patents granted on said Invention in any and all countries and groups of countries, including each and

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every Application filed and each and every Patent granted on any application which is a division, substitution, or continuation of said Application; and (d) in and to each and every reissue or extension of any of said Patents.

2. Said Assignors hereby covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest to said Invention herein conveyed in any and all countries and groups of countries. Such cooperation by said Assignors shall include prompt production of pertinent facts and documents, giving testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said Invention; (d) for filing and prosecuting applications for reissuance of any of said Patents; (e) for interference or other priority proceedings involving said Invention; and (f) for legal proceedings involving said Invention and any application therefor and any Patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Assignors in providing such cooperation shall be paid for by said Assignee.

3. The term and covenants of this agreement shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Assignors, their respective heirs, legal representatives and assigns.

4. Said Assignors hereby warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Assignors have executed and delivered this instrument to said Assignee on the dates indicated below.

- 1) 17/1/2012
Date Giacinto Busico
Giacinto Busico
- 2) 18/1/2012
Date Nell David Whitbread
Nell David Whitbread
- 3) 17th Jan 2012
Date Andrew John Ward
Andrew John Ward
- 4) 20th Jan 2012
Date Andrew Moseley
Andrew Moseley

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