

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT2783761

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
OCLARO (NORTH AMERICA), INC.	03/04/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ALCATEL LUCENT
<b>Street Address:</b>	3, AVENUE OCTAVE GREARD
<b>City:</b>	PARIS
<b>State/Country:</b>	FRANCE
<b>Postal Code:</b>	75007
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Patent Number:	8622633
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
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<b>Email:</b>	narpatent@alcatel-lucent.com
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<b>Address Line 4:</b>	MURRAY HILL, NEW JERSEY 07974-0636
<b>ATTORNEY DOCKET NUMBER:</b>	113188-US-NP (MTP)
<b>NAME OF SUBMITTER:</b>	GREGORY J. MURGIA
<b>SIGNATURE:</b>	/Gregory J. Murgia/
<b>DATE SIGNED:</b>	03/25/2014
<b>Total Attachments: 2</b>	
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source=113188_Reassignment_Oclaro-to-ALU_04Mar2014#page2.tif	

**ACKNOWLEDGMENT OF ASSIGNMENT OF RIGHTS**

This Acknowledgment of Assignment of Rights is effective as of the date of the last signature hereto, and entered into by and between:

**Oclaro (North America), Inc. (formerly known as "Avanex Corporation")**, a Delaware Corporation with offices at 2560 Junction Ave., San Jose, California, 95134, USA ("Assignor"),  
And **Alcatel Lucent** (formerly known as "Alcatel"), a French corporation, with offices at 3, avenue Octave Gréard, 75007, Paris, France ("Assignee").

**WHEREAS**, Assignor and Assignee entered into a Share and Acquisition and Asset Purchase Agreement on May 12,2003 (the "Purchase Agreement") pursuant to which Assignee sold and assigned to Assignor certain of its intellectual property as set forth in Schedule 1.1 (jjj) to the Purchase Agreement and

**WHEREAS**, Assignor and Assignee subsequently decided that certain of the intellectual property assigned pursuant to the Purchase Agreement shall be reassigned from Assignor to Assignee and therefore entered into an amendment to the Purchase Agreement on October 14,2003 and deleted certain of Assignor's intellectual property from Schedule 1.1. (jjjj) to the Purchase Agreement ("Deleted Rights") and

**WHEREAS**, Assignor and Assignee now wish to confirm the assignment of Deleted Rights.

**NOW THEREFORE**, Assignor and Assignee, hereby confirm the assignment to Assignee, of any and all of Assignor's rights and interest, for all countries, jurisdictions and political entities of the world, in and to any and all of patents and patent applications listed in Appendix A attached hereto (the "Patents"), including, without limitation, all rights to file patent applications directly in the name of Assignee.

The terms and conditions of this Acknowledgment of Assignment of Rights will inure to the benefit of Assignee, its successors or assigns, and anyone properly designated by them and will be binding upon Assignor, its successors or assigns, and anyone properly designated by them.

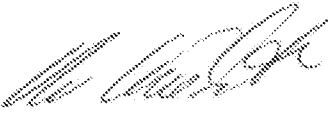

**IN WITNESS WHEREOF**, each of the Parties has caused this Acknowledgement of Assignment of Rights to be executed in duplicate originals by its duly authorized representatives on the respective dates entered below.

ASSIGNOR:  
**Oclaro (North America), Inc**

ASSIGNEE:  
**Alcatel Lucent**

By:   
Name: Pete Mangar  
Title: CEO, CFO & Secretary

Date: 12/13/13

By:   
Name: Ulrich Knecht  
Title: VP Global Patent  
Creation & Operations  
Date: 

APPENDIX A  
List of Transferred Patents and Patent Applications

Alcatel Docket No.	Country	Protection Type	Filing date	Filing No.	Publication date	Publication No.	Patent No.	Grant date
113188	EP	EPA	09/07/2001	01440215.0	22/01/2003	1278085	1278085	21/05/2003
	DE	EPA	09/07/2001	01440215.0	22/01/2003	1278085	1278085	21/05/2003
	FR	EPA	09/07/2001	01440215.0	22/01/2003	1278085	1278085	21/05/2003
	GB	EPA	09/07/2001	01440215.0	22/01/2003	1278085	1278085	21/05/2003
	IT	EPA	09/07/2001	01440215.0	22/01/2003	1278085	1278085	21/05/2003
	US	NP	08/07/2002	10/189408	09/01/2003	20030007742		