

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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>Mohand Achouche</td> <td>06/06/2013</td> </tr> <tr> <td>Christophe Caillaud</td> <td>07/01/2013</td> </tr> <tr> <td>Genevieve Glastre Lemaitre</td> <td>07/23/2013</td> </tr> <tr> <td>Francois Lelarge</td> <td>07/02/2013</td> </tr> <tr> <td>Romain Brenot</td> <td>06/18/2013</td> </tr> </tbody> </table>		Name	Execution Date	Mohand Achouche	06/06/2013	Christophe Caillaud	07/01/2013	Genevieve Glastre Lemaitre	07/23/2013	Francois Lelarge	07/02/2013	Romain Brenot	06/18/2013
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RECEIVING PARTY DATA													
<table border="1"> <tr> <td>Name:</td> <td>Alcatel-Lucent</td> </tr> <tr> <td>Street Address:</td> <td>3, avenue Octave, Greard</td> </tr> <tr> <td>City:</td> <td>Paris</td> </tr> <tr> <td>State/Country:</td> <td>FRANCE</td> </tr> <tr> <td>Postal Code:</td> <td>75007</td> </tr> </table>		Name:	Alcatel-Lucent	Street Address:	3, avenue Octave, Greard	City:	Paris	State/Country:	FRANCE	Postal Code:	75007		
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CORRESPONDENCE DATA													
<p>Fax Number: 7036688200 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 703-668-8000 Email: dcmailroom@hdp.com Correspondent Name: HARNESS, DICKEY & PIERCE, P.L.C. Address Line 1: P.O. BOX 8910 Address Line 4: RESTON, VIRGINIA 20195</p>													
ATTORNEY DOCKET NUMBER:	29250P-000146/US/NP												
NAME OF SUBMITTER:	Gary D. Yacura												
Signature:	/Gary D. Yacura/												

CH \$40.00 13824726

Date:

07/31/2013

Total Attachments: 8

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ASSIGNMENT

Atty. Docket No.

WHEREAS, the undersigned, hereinafter referred to collectively as Assignor, has invented:

A MONOLITHIC INTEGRATED STRUCTURE COMPRISING A BURIED HETEROSTRUCTURE SEMICONDUCTOR OPTICAL AMPLIFIER AND A PHOTODETECTOR

for which Assignor is about to make or has made United States or International application for patent

- (a) ☐ executed on even date preparatory to filing (each inventor should sign this Assignment on the same day as he/she signs the Declaration and Power of Attorney);
- (b) ☐ executed on _____, _____, _____; or
- (c) ☒ filed on 27 September 2011, as PCT International Application No. PCT/EP2011/066766 ; and

WHEREAS, Alcatel Lucent, 3 avenue Octave Gréard, 75007, Paris, France, hereinafter referred to as Assignee, is desirous of acquiring all right, title, and interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy whereof is hereby acknowledged, Assignor agrees to, and hereby does, sell, assign and transfer unto Assignee and its successors in interest, the full and exclusive right, title and interest in the United States of America and throughout the world, including the right to claim priority under the laws of the United States, the Paris Convention, and any foreign countries, to the invention as described in the aforesaid application and all United States Letters Patent which may be granted therefore, and all divisions, continuations, reissues, reexaminations and extensions thereof, these rights, title and interest to be held and enjoyed by Assignee to the full end of the term for which the Letters Patent are granted and any extensions thereof as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made, and the right to sue for, and recover for past infringements of, or liabilities for, any of the rights relating to any of the applications or patents resulting therefrom;

Assignor hereby covenants and agrees to execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent in the United States and in all foreign countries including, but not limited to, any provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, and as to letters patent any reissue, re-examination, or extension thereof, and for litigation regarding, or for the purpose of protecting title and to the said invention, the United States application for patent, or Letters Patent therefor, and to testify in support thereof, for the benefit of Assignee without further or other compensation than that above set forth;

Assignor hereby covenants that no assignment, sale, license, agreement or encumbrance has been or will be entered into which would conflict with this Assignment; and

Assignor hereby requests the United States Patent and Trademark Office to issue the Letters Patent of the United States of America to Assignee, and requests that any official of any country or countries foreign to the United States, whose duty it is to issue or grant patents and applications as aforesaid, to issue the Letters Patent, Utility Model Registration or Inventor's Certificate to Assignee.

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The undersigned hereby grant(s) the law firm of Harness, Dickey & Pierce, P.L.C., the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

M ACHOUCHE
Mohand ACHOUCHE

June, 04, 2013
Dated

Christophe CAILLAUD

Dated

Genevieve GLASTRE LEMAITRE

Dated

François LELARGE

Dated

Romain BRENOT

Dated

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Mohand ACHOUCHE

Dated



Christophe CAILLAUD

01/07/2013

Dated

Genevieve GLASTRE LEMAITRE

Dated

François LELARGE



Dated 06/07/2013

Romain BRENOT

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Mohand ACHOUCHE

Dated

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Genevieve GLASTRE LEMAITRE

Dated 23/07/2013

François LELARGE

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Romain BRENOT

18 June 2013

Dated