

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>Long Chen</td> <td>01/09/2012</td> </tr> <tr> <td>Pietro Bernasconi</td> <td>01/09/2012</td> </tr> <tr> <td>Po Dong</td> <td>01/09/2012</td> </tr> <tr> <td>Liming Zhang</td> <td>01/09/2012</td> </tr> <tr> <td>Young-Kai Chen</td> <td>01/09/2012</td> </tr> </tbody> </table>		Name	Execution Date	Long Chen	01/09/2012	Pietro Bernasconi	01/09/2012	Po Dong	01/09/2012	Liming Zhang	01/09/2012	Young-Kai Chen	01/09/2012
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Pietro Bernasconi	01/09/2012												
Po Dong	01/09/2012												
Liming Zhang	01/09/2012												
Young-Kai Chen	01/09/2012												
RECEIVING PARTY DATA													
Name:	Alcatel-Lucent USA Inc.												
Street Address:	600-700 Mountain Avenue												
City:	Murray Hill												
State/Country:	NEW JERSEY												
Postal Code:	07974												
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>13326583</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13326583								
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Application Number:	13326583												
CORRESPONDENCE DATA													
Fax Number:	(972)480-8800												
Phone:	972-480-8800												
Email:	linda.mcsweeny@hittgaines.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:	HITT GAINES, PC ALCATEL-LUCENT												
Address Line 1:	PO BOX 832570												
Address Line 4:	RICHARDSON, TEXAS 75083												
ATTORNEY DOCKET NUMBER:	809875-US-NP												
NAME OF SUBMITTER:	Andrew R. Ralston												

CH \$40.00 13326583

Total Attachments: 12

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ASSIGNMENT

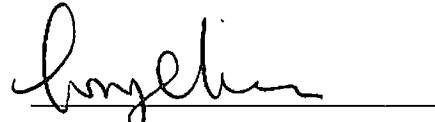
For value received, we Long Chen a citizen of P.R. China in the County of Middlesex and the State of New Jersey and Pietro Bernasconi a citizen of Switzerland in the County of Monmouth and the State of New Jersey and Po Dong a citizen of P.R. China in the County of Monmouth and the State of New Jersey and Liming Zhang a citizen of USA in the County of Monmouth and the State of New Jersey and Young-Kai Chen a citizen of USA in the County of Union and the State of New Jersey, hereby sell, assign and transfer to Alcatel-Lucent USA, Inc., a corporation of DE, having an office at 600-700 Mountain Avenue, Murray Hill, NJ 07974, U.S.A., and its successors, assigns and legal representatives, the entire right, title and interest, in and to certain inventions related to "ELECTRONIC/PHOTONIC INTEGRATED CIRCUIT ARCHITECTURE AND METHOD OF MANUFACTURE THEREOF" described in an application for Letters Patent of the United States, Application Number: 13/326,583 and Filing Date: December 15, 2011, and all the rights and privileges in said application and under any and all Letters Patent that may be granted in the United States for said inventions; and we also concurrently hereby sell, assign and transfer to Alcatel-Lucent USA, Inc. the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

We authorize Alcatel-Lucent USA, Inc. to make application for such protection in its own name and maintain such protection in any and all foreign countries to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from us, any and all benefits, including the right of priority provided by any and all treaties, conventions or agreements.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of Alcatel-Lucent USA, Inc. to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

We request that any and all patents for said inventions be issued to Alcatel-Lucent USA, Inc. in the United States and in all countries foreign to the United States, or to such nominees as Alcatel-Lucent USA, Inc. may designate.

We agree that, when requested, I shall, without charge to Alcatel-Lucent USA, Inc. but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

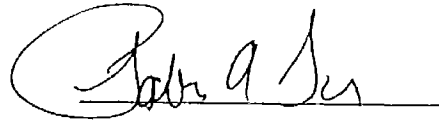


Long Chen

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State of New Jersey

On this 9th day of January, 2012, before me personally came Long Chen, to me known to be the individual described herein and who executed the foregoing instrument, and acknowledged execution of the same.

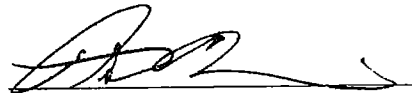


Notary Public

My Commission Expires

Alcatel-Lucent USA, Inc.
600-700 Mountain Avenue
Murray Hill, NJ 07974

Patricia A Tier
Notary Public
New Jersey
My Commission Expires 8/28/2012

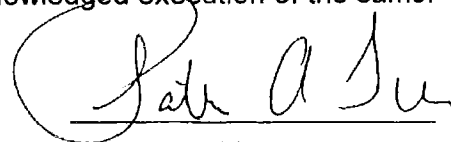


Pietro Bernasconi

State of New Jersey

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On this 9th day of January, 2012, before me personally came Pietro Bernasconi, to me known to be the individual described herein and who executed the foregoing instrument, and acknowledged execution of the same.




Notary Public

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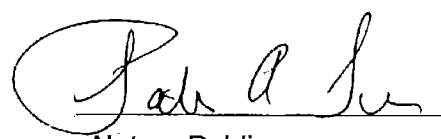


Po Dong

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State of New Jersey

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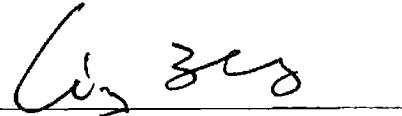


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Liming Zhang

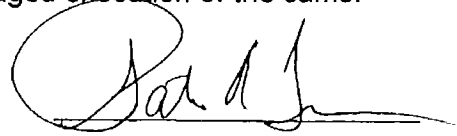
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State of New Jersey

Young-Kai Chen

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Notary Public

My Commission Expires

Alcatel-Lucent USA, Inc.
600-700 Mountain Avenue
Murray Hill, NJ 07974

ASSIGNMENT

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State of New Jersey

Long Chen

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Notary Public

My Commission Expires

Alcatel-Lucent USA, Inc.
600-700 Mountain Avenue
Murray Hill, NJ 07974

Pietro Bernasconi

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State of New Jersey

On this _____ day of _____, 2012, before me personally came Pietro Bernasconi, to me known to be the individual described herein and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

My Commission Expires

Alcatel-Lucent USA, Inc.
600-700 Mountain Avenue
Murray Hill, NJ 07974

State of New Jersey

Po Dong

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Notary Public

My Commission Expires

Alcatel-Lucent USA, Inc.
600-700 Mountain Avenue
Murray Hill, NJ 07974

State of New Jersey

Liming Zhang

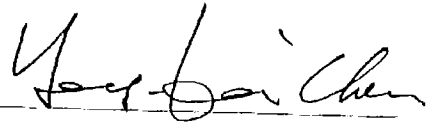
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Notary Public

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Alcatel-Lucent USA, Inc.
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Murray Hill, NJ 07974

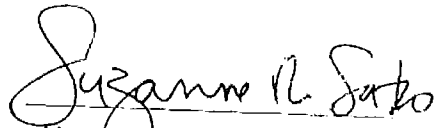


Young-Kai Chen

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State of New Jersey

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Notary Public

My Commission Expires

Alcatel-Lucent USA, Inc.
600-700 Mountain Avenue
Murray Hill, NJ 07974

Suzanne R. Sabo
Notary Public - State of NJ
Commission No. 2362056
My Commission Expires 7/12/2012