

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>Kalpendu Shastri</td> <td>05/03/2012</td> </tr> <tr> <td>Mark Webster</td> <td>05/03/2012</td> </tr> <tr> <td>Prakash Gothoskar</td> <td>05/03/2012</td> </tr> <tr> <td>Ravinder Kachru</td> <td>05/03/2012</td> </tr> <tr> <td>Soham Pathak</td> <td>05/03/2012</td> </tr> <tr> <td>Rao V. Yelamarty</td> <td>05/01/2012</td> </tr> <tr> <td>Thomas Daugherty</td> <td>05/03/2012</td> </tr> <tr> <td>Bipin Dama</td> <td>05/01/2012</td> </tr> <tr> <td>Kaushik Patel</td> <td>05/03/2012</td> </tr> <tr> <td>Kishor Desai</td> <td>05/03/2012</td> </tr> </tbody> </table>		Name	Execution Date	Kalpendu Shastri	05/03/2012	Mark Webster	05/03/2012	Prakash Gothoskar	05/03/2012	Ravinder Kachru	05/03/2012	Soham Pathak	05/03/2012	Rao V. Yelamarty	05/01/2012	Thomas Daugherty	05/03/2012	Bipin Dama	05/01/2012	Kaushik Patel	05/03/2012	Kishor Desai	05/03/2012
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RECEIVING PARTY DATA																							
<table border="1"> <tr> <td>Name:</td> <td>Lightwire LLC</td> </tr> <tr> <td>Street Address:</td> <td>170 West Tasman Drive</td> </tr> <tr> <td>City:</td> <td>San Jose</td> </tr> <tr> <td>State/Country:</td> <td>CALIFORNIA</td> </tr> <tr> <td>Postal Code:</td> <td>95134-1706</td> </tr> </table>		Name:	Lightwire LLC	Street Address:	170 West Tasman Drive	City:	San Jose	State/Country:	CALIFORNIA	Postal Code:	95134-1706												
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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>13463408</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13463408																		
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Application Number:	13463408																						
CORRESPONDENCE DATA																							
Fax Number:	(610)346-8189																						
Phone:	610-346-7112																						
Email:	wendykoba@usa.net																						
Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.																							
Correspondent Name:	WENDY W. KOBA																						

OP \$40.00 13463408

Address Line 1: PO BOX 556
Address Line 4: SPRINGTOWN, PENNSYLVANIA 18081

ATTORNEY DOCKET NUMBER:	SIO-0203EA
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NAME OF SUBMITTER:	Wendy W. Koba
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Total Attachments: 12

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ASSIGNMENT AND AGREEMENT

For value received, we, **Kalpendu Shastri** of Orefield in the County of Lehigh and State of Pennsylvania, **Vipulkumar Patel** of Breinigsville in the County of Lehigh and State of Pennsylvania, **Mark Webster** of Bethlehem in the County of Northampton and State of Pennsylvania and **Prakash Gothoskar** of Allentown in the County of Lehigh and State of Pennsylvania, **Ravinder Kachru** of Los Altos Hills in the County of Santa Clara and State of California, **Soham Pathak** of Allentown in the County of Lehigh and State of Pennsylvania, **Rao V. Yelamarty** of Allentown in the County of Lehigh and State of Pennsylvania, **Thomas Daugherty** of Allentown in the County of Lehigh and State of Pennsylvania, **Bipin Dama** of Bridgewater in the County of Somerset in the State of New Jersey, **Kaushik Patel** of San Jose in the County of Santa Clara and State of California and **Kishor Desai** of Fremont in the County of Alameda and State of California hereby sell, assign and transfer to Lightwire LLC a corporation of the State of Delaware, having an office at 170 West Tasman Drive, San Jose, California 95134-1706 U.S.A., and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to **Wafer Scale Packaging Platform For Transceivers** described in an application for Letters Patent of the United States executed by us of even date herewith 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 Lightwire LLC 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 Lightwire LLC to make application for such protection in its own name and maintain such protection in any and all countries foreign 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 Lightwire LLC 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 Lightwire LLC in the United States and in all countries foreign to the United States, or to such nominees as Lightwire LLC may designate.

We agree that, when requested, we shall, without charge to Lightwire LLC 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.

Kalpendu Shastri
Kalpendu Shastri

Date: May 3, 2012

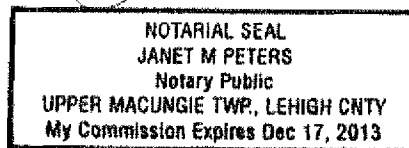
United States of America)

State of Pa.) ss.:

County of Lehigh)

On this 3rd day of May, 2012, before me personally came **Kalpendu Shastri**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Janet M Peters



Vipulkumar Patel

Date: _____

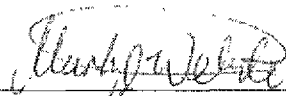
United States of America)

State of) ss.:

County of)

On this _____ day of _____, 20____, before me personally came **Vipulkumar Patel**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public



Mark Webster

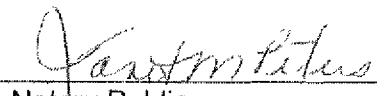
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United States of America)

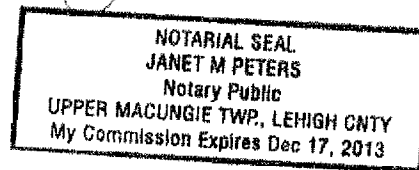
State of Pa.) ss.:

County of Lehigh)

On this 3rd day of May, 2012, before me personally came **Mark Webster**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



Notary Public



Prakash Gothoskar
Prakash Gothoskar

Date: May 3, 2012

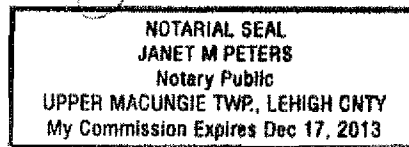
United States of America)


State of Pa.) ss.:

County of Lehigh)

On this 3rd day of May, 2012, before me personally came **Prakash Gothoskar**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Janet M Peters
Notary Public

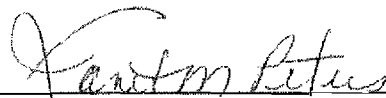
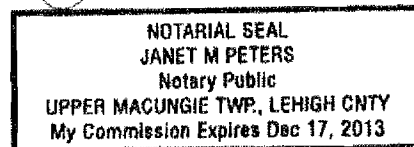


Ravinder KachruDate: May 3, 2012

United States of America)

State of Pa.) ss.:County of Lehigh)

On this 3rd day of May, 2012, before me personally came **Ravinder Kachru**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Janet M. Peters
Notary Public

Soham Pathak
Soham Pathak

Date: May 3, 2012

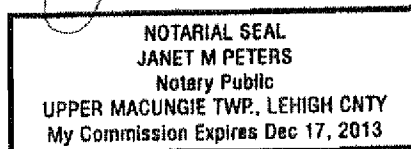
United States of America)

State of Pa.) ss.:

County of Lehigh)

On this 3rd day of May, 2012, before me personally came **Soham Pathak**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Janet M Peters
Notary Public



Rao V. Yelamarty
Rao V. Yelamarty

Date: 05/01/2012

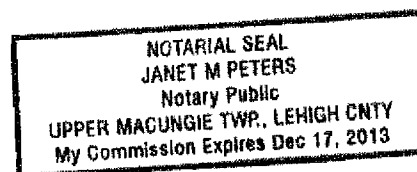
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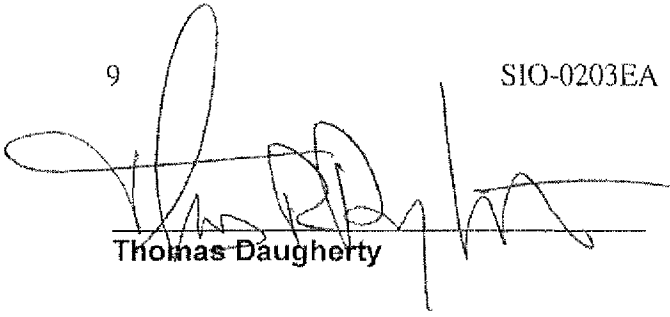
State of Pa) ss.:

County of Lehigh)

On this 1st day of May, 2012, before me personally came **Rao V. Yelamarty**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Janet M Peters
Notary Public

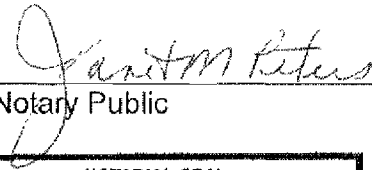



Thomas DaughertyDate: May 3, 2012

United States of America)

State of Pa) ss.:County of Lehigh)

On this 3rd day of May, 2012, before me personally came **Thomas Daugherty**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.


Notary Public

NOTARIAL SEAL
JANET M PETERS
Notary Public
UPPER MACUNGIE TWP., LEHIGH CNTY
My Commission Expires Dec 17, 2013

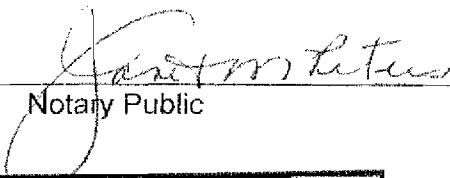


Bipin Dama

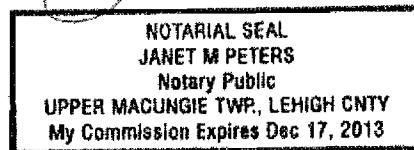
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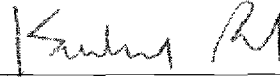
United States of America)
State of Pa.) ss.:
County of Lehigh)

On this 1st day of May, 2012, before me personally came **Bipin Dama**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



Notary Public

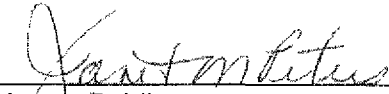
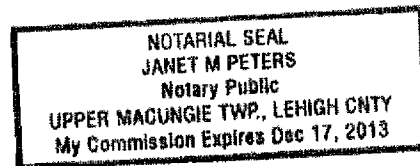


Kaushik PatelDate: May 3, 2012

United States of America)

State of Pa.) ss.:County of Lehigh)

On this 3rd day of May, 2012, before me personally came **Kaushik Patel**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

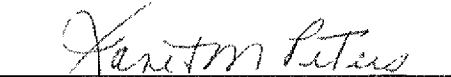

Notary Public

Kishor DesaiDate: May 3, 2012

United States of America)

State of Pa) ss.:County of Lehigh)

On this 3rd day of May, 2012, before me personally came **Kishor Desai**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



Notary Public