

10-24-2008



ce

RECORDATION FORM COVER :
PATENTS ONLY

103531604

SIO 0166

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

Kalpendu Shastri
Prakash Gothoskar
Vipulkumar Patel
David Piede
Mark Webster

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) 9/29/08, 9/29/08, 9/29/08, 9/29/08, 9/29/08

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

2. Name and address of receiving party(ies)

Name: Lightwire, Inc.

Internal Address: Suite 412

Street Address: 7540 Windsor Drive

City: Allentown

State: Pennsylvania

Country: United States of America Zip: 18195

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application or patent number(s):

A. Patent Application No.(s)

☒ This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Wendy W. Koba

Internal Address: _____

Street Address: PO Box 556

City: Springtown

State: Pennsylvania Zip: 18081

Phone Number: 610-346-7112

Fax Number: 610-346-8189

Email Address: wendykoba@usa.net

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☐ Authorized to be charged to deposit account
☒ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

Deposit Account Number _____

Authorized User Name _____

9. Signature:

Wendy W. Koba
Signature

October 8, 2008
Date

Wendy W. Koba

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

10/10/2008 LNGUYEN1 00000009 12287366

04 FC:8021

40.00 0P

PATENT
REEL: 021745 FRAME: 0066

U.S. PTO
12/287366
10/08/2008

SIO-168.81

ASSIGNMENT AND AGREEMENT

For value received, we, Kalpendu Shastri of Orefield in the County of Lehigh and State of Pennsylvania, Prakash Gothoskar of Allentown in the County of Lehigh and State of Pennsylvania, Vipulkumar Patel of Breinigsville in the County of Lehigh and State of Pennsylvania, David Piede of Allentown in the County of Lehigh and States of Pennsylvania and Mark Webster of Bethlehem in the County of Northampton and State of Pennsylvania, hereby sell, assign and transfer to Lightwire, Inc. a corporation of the State of Delaware, having an office at 7540 Windsor Drive, Suite 412, Allentown, PA, 18195 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 **Silicon-Based Optical Modulator For Analog Applications** 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, 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 Lightwire, Inc. 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, 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 Lightwire, Inc. in the United States and in all countries foreign to the United States, or to such nominees as Lightwire, Inc. may designate.

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

Kalpendu Shastri
Kalpendu Shastri

Date: September 29, 2008

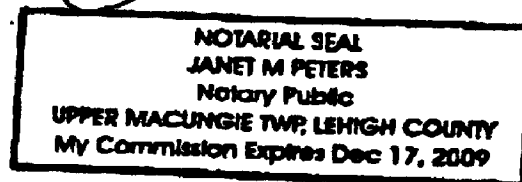
United States of America)

State of PA) ss.:

County of Lehigh)

On this 29th day of September, 2008, 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



Prakash Gothoskar
Prakash Gothoskar

Date: September 29, 2008

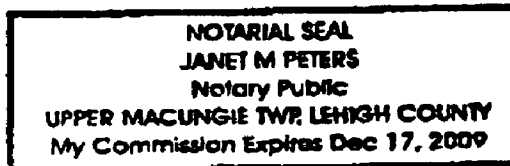
United States of America)

State of PA) ss.:

County of Lehigh)

On this 29th day of September, 2008, 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



Vipulkumar Patel
Vipulkumar Patel

Date: September 29 2008

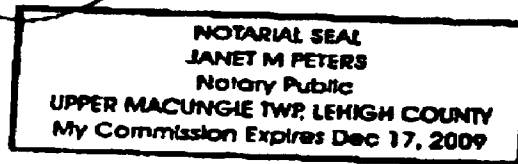
United States of America)

State of PA) ss.:

County of Lehigh)

On this 29th day of September, 2008, 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.

Janet M Peters
Notary Public



David P. Priede
David Priede

Date: September 29, 2008

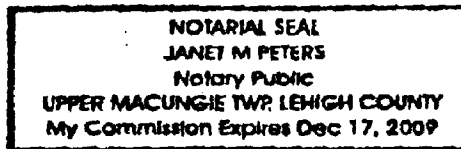
United States of America)

State of PA) ss.:

County of Lehigh)

On this 29th day of September, 2008, before me personally came David Priede, 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



Mark Webster
Mark Webster

Date: September 29, 2008

United States of America)

State of PA) ss.:

County of Lehigh)

On this 29th day of September, 2008, 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.

Janet M Peters
Notary Public

