

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Mark Webster	08/12/2010
Anujit Shastri	08/17/2010
Kalpendu Shastri	08/12/2010

RECEIVING PARTY DATA

Name:	Lightwire, Inc.
Street Address:	7540 Windsor Drive
Internal Address:	Suite 412
City:	Allentown
State/Country:	PENNSYLVANIA
Postal Code:	18195

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12856144

CORRESPONDENCE DATA

Fax Number: (610)346-8189
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
 Phone: 610-346-7112
 Email: wendykoba@usa.net
 Correspondent Name: Wendy W. Koba
 Address Line 1: PO Box 556
 Address Line 4: Springtown, PENNSYLVANIA 18081

ATTORNEY DOCKET NUMBER:	SIO-0195
NAME OF SUBMITTER:	Wendy W. Koba

Total Attachments: 4
 source=12856144AssignmentAndAgreement#page1.tif

OP \$40.00 12856144

501275391

**PATENT
 REEL: 024902 FRAME: 0781**

source=12856144AssignmentAndAgreement#page2.tif
source=12856144AssignmentAndAgreement#page3.tif
source=12856144AssignmentAndAgreement#page4.tif

ASSIGNMENT AND AGREEMENT

For value received, we, **Mark Webster** of Bethlehem in the County of Northampton and State of Pennsylvania, **Anujit Shastri** of Orefield in the County of Lehigh and State of Pennsylvania and **Kalpendu Shastri** of Orefield in the County of Lehigh 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 **Advanced Modulation Formats For Silicon-Based Optical Modulators** 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.

Mark Webster

Mark Webster

Date: August 12, 2010

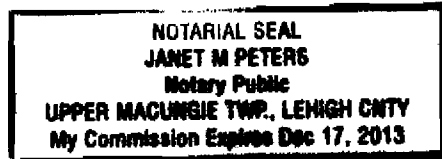
United States of America)

State of PA) ss.:

County of Lehigh)

On this 12th day of August, 2010, 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



Anujit Shastri
Anujit Shastri

Date: 8/17/10

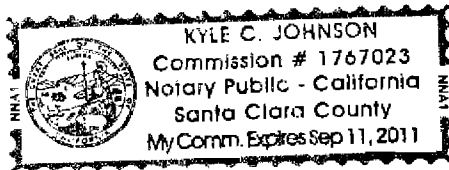
United States of America)

State of California) ss.:

County of Santa Clara)

On this 17th day of August, 2010, before me personally came **Anujit Shastri**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Kyle C. Johnson
Notary Public



Kalpendu Shastri
Kalpendu Shastri

Date: August 12, 2010

United States of America)

State of PA) ss.:

County of Lehigh)

On this 12th day of August, 2010, 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
Notary Public

