

PATENT ASSIGNMENT

Electronic Version v1.1
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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>Munib WOBER</td> <td>09/23/2009</td> </tr> <tr> <td>Thomas P.H.F. WENDLING</td> <td>09/18/2009</td> </tr> </tbody> </table>		Name	Execution Date	Munib WOBER	09/23/2009	Thomas P.H.F. WENDLING	09/18/2009				
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>ZENA TECHNOLOGIES, INC.</td> </tr> <tr> <td>Street Address:</td> <td>P.O. Box 380288</td> </tr> <tr> <td>City:</td> <td>Cambridge</td> </tr> <tr> <td>State/Country:</td> <td>MASSACHUSETTS</td> </tr> <tr> <td>Postal Code:</td> <td>02238</td> </tr> </table>		Name:	ZENA TECHNOLOGIES, INC.	Street Address:	P.O. Box 380288	City:	Cambridge	State/Country:	MASSACHUSETTS	Postal Code:	02238
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
Fax Number: 7037707901 Phone: 703-770-7900 Email: linda.leighton@pillsburylaw.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: Pillsbury Winthrop Shaw Pittman, LLP (NV) Address Line 1: PO Box 10500 Address Line 4: McLean, VIRGINIA 22102											
ATTORNEY DOCKET NUMBER:	095035-0407760										
NAME OF SUBMITTER:	Qian Gu										
Total Attachments: 1 source=Assignment#page1.tif											

CH \$40.00 13570027

For: U.S. Rights and Foreign Rights
For: U.S. Application
By: Inventors

ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of Ten Dollars (\$10.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNOR:

Munib WOBER
174 Haverhill Road
Topsfield, MA 01983
UNITED STATES

Thomas P.H.F. WENDLING
St.-Cajetan-Str.6
81669 Munich
GERMANY

hereby sells, assigns and transfers to

ASSIGNEE:

ZENA TECHNOLOGIES, INC.
P.O. Box 380288
Cambridge, MA 02238-0288

and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest for the United States and its territorial possessions and in all foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the invention entitled:

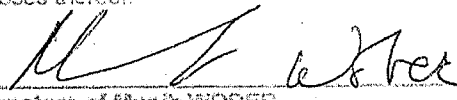
VERTICAL WAVEGUIDES WITH VARIOUS FUNCTIONALITY ON INTEGRATED CIRCUITS

and which is found in (37 C.F.R. § 3.21) U.S. Patent Application No. 12/270,233, executed on even date herewith and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

Date: Sept. 23, 2009


Signature of Munib WOBER

Date: Sept 18, 2009


Thomas P.H.F. WENDLING