

12-28-2006

Form PTO-1595 (Rev. 08/05)
OMB No. 0651-0027 (exp. 6/30/2008)U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office103354467
PATENTS ONLY

DEC 26 PM 2:41

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)

THOMAS E. TIWALD

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No**3. Nature of conveyance/Execution Date(s):**

Execution Date(s) 3/30/06

- ☒ 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: J.A. WOOLLAM CO., INC.

Internal Address: _____

Street Address: 645 M ST.

City: LINCOLN

State: NEBRASKA

Country: U.S.A. Zip: 68124

Additional name(s) & address(es) attached? ☐ Yes ☒ No**4. Application or patent number(s):**☐ This document is being filed together with a new application.

A. Patent Application No.(s)

11/393,519

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No**5. Name and address to whom correspondence concerning document should be mailed:**

Name: JAMES D. WELCH

Internal Address: _____

Street Address: 10328 PINEHURST AVE.

City: OMAHA

State: NEBRASKA Zip: 68124

Phone Number: 402-391-4448

Fax Number: 402-391-4448

Email Address: JDWSCMOS1@NETZERO.NET

6. Total number of applications and patents involved:7. Total fee (37 CFR 1.21(h) & 3.41) \$ 90⁰⁰

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

8. Payment Informationa. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number _____

Authorized User Name _____

9. Signature:

Signature

JAMES D. WELCH

Name of Person Signing

Date

12/14/06

Total number of pages including cover sheet, attachments, and documents: 3

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

12/27/2006 DBYRNE 00000007 11393519

01 FC:8021

40.00 OP

PATENT
REEL: 018712 FRAME: 0386

ASSIGNMENT

WHEREAS I, THOMAS E. TIWALD am the Inventor of the invention titled: "HORIZONTAL ATTENUATED TOTAL REFLECTION SYSTEM";

11/393,519
WHEREAS I am the owner of record of a United States Patent Application of the title recited above which is being submitted to the United States Patent Office, the Serial Number of which is 11/393,519 ; (to be filled-in when available), and

WHEREAS I might pursue Foreign Patent Applications under the Cooperation Treaty and directly in Non-Member Nations which concern the same Invention and Improvements thereto; and

WHEREAS I am, under the terms of an Agreement or Employment Contract with the J.A. WOOLLAM CO. INC., obligated to assign any and all Patent Applications and Patents which Issue thereon, Domestic and Foreign, Present and Future for said Invention and Improvements thereto to the J.A. WOOLLAM CO. INC.; and

WHEREAS the J.A. WOOLLAM CO. INC. is desirous of accepting an Assignment of any and all interest in said Application(s) for Patent(s) and Patent(s) which Issue thereon, Domestic and Foreign, Present and Future as provided for in said Agreement or Employment Contract with the Inventors;

NOW THEREFORE, in recognition of the receipt of One Dollar (\$1.00) and other good, valuable and sufficient consideration received from J.A. WOOLLAM CO. INC., I THOMAS E. TIWALD do:

1. Hereby Sell, Assign, Transfer and/or otherwise Set Over Without Reservation and Conditions other than those recited herein, to the J.A. WOOLLAM CO. INC., its Legal Representatives, Successors, Assigns etc. the entire interest in the Rights and Title to any Patent Applications and Patents which Issue thereon, Domestic and Foreign, Present and Future, for said Invention and Improvements; so that the J.A. WOOLLAM CO. INC. shall hereafter own all Rights and Title as fully and completely as WE would have owned said Rights and Title were the present Assignment not made, with the full understanding that the entire Rights and Title to said Invention shall immediately vest, irrevocably, in the J. A. WOOLLAM CO. INC., its Legal Representatives, Successors, Assigns etc.

2. Agree to execute all future documents as may be necessary to acquire issue of the Patent Application and additional Patents Applications for said Invention, and Improvements thereto, in the United States and in Foreign Countries.

3. Request that the Commissioner of Patents and Trademarks in the United States and the equivalent in Foreign Countries issue

United States Patent Application, Serial Number 11/393,519 , (to be filled-in when available), and such additional Patent Applications, Domestic or Foreign which result from future Patent Cooperation Treaty Patent Application, Foreign or Domestic Patent Applications to the J. A. WOOLLAM CO. INC., its Legal Representatives, Successors, Assigns etc., as the case might at the Issue Date thereof.

4. Agree that WE will, at no time, do anything to jeopardize the validity of any Patent or Patent Application, Domestic or Foreign, Present or Future other than as necessitated by the duty of Truthful Disclosure required during the normal course of Patent Application Prosecution or Litigation before an Examining or Judicial Authority.

IN AGREEMENT WITH THE FOREGOING, I, THOMAS E. TIWALD AS INVENTOR, HEREBY WILLINGLY AND FREELY, IN RECOGNITION OF GOOD, VALUABLE AND SUFFICIENT CONSIDERATION RECEIVED FROM THE J.A. WOOLLAM CO. INC. AND I, JOHN A. WOOLLAM, AS PRESIDENT OF THE J.A. WOOLLAM CO. INC., AFFIX OUR SIGNATURES TO EFFECT THE TERMS OF THIS ASSIGNMENT, SAID SIGNATURES EACH BEING AFFIXED IN THE PRESENCE OF A NOTARY PUBLIC.

Thomas E. Tiwald 3-30-06
THOMAS E. TIWALD DATE
INVENTOR

J. D. Welch 3/30/06
NOTARY PUBLIC GENERAL NOTARY - State of Nebraska
J. D. WELCH DATE
My Comm. Exp. Sept. 5, 2007

John A. Woollam 3-30-06
JOHN A. WOOLLAM DATE
PRESIDENT OF
THE J.A. WOOLLAM CO. INC.

J. D. Welch 3/30/06
NOTARY PUBLIC DATE
GENERAL NOTARY - State of Nebraska
J. D. WELCH
My Comm. Exp. Sept. 5, 2007

JAMES D. WELCH

ATTORNEY AT LAW

PROFESSIONAL ENGINEER

INTELLECTUAL PROPERTY
402-391-4448

10328 PINEHURST AVE.
OMAHA, NEBRASKA 68124

December 22, 2006

Mail Stop: Assignments
Commissioner for Patents
Box: 1450
Alexandria, VA 22313-1450

RE: SUBMITTAL OF ASSIGNMENTS FOR APPLICATIONS, SERIAL NOS.:

11/374,771;	11/284,213;	11/326,060;	11/397,393;
11/452,483;	11/130,071;	11/497,921;	11/284,213;
11/447,247;	11/256,891;	11/439,491;	
11/404,593;	11/257,866;	11/393,519; ✓	
11/483,888;	11/257,867;	11/204,924;	
11/495,130;	11/103,229;	11/288,785;	
11/590,408;	11/452,618;	11/408,679;	
11/585,301;	11/453,656;	11/204,835;	

Dear Sir;

Please find enclosed Assignments for the identified Applications, each accompanied by a filled-in Cover Sheet, and a check for \$40.00.

Please provide Notice of REEL/FRAME for each.

Sincerely,

JAMES D. WELCH
JW/hs
enc.

CERTIFICATE OF MAILING

I HEREBY CERTIFY THAT THIS TRANSMITTAL IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE WITH SUFFICIENT POSTAGE FOR FIRST CLASS MAIL IN AN ENVELOPE ADDRESSED TO THE COMMISSIONER FOR PATENTS, BOX: 1450, ALEXANDRIA VA. 22313-1450 ON THE DATE INDICATED BELOW.

JAMES D. WELCH

12/22/06
DATE