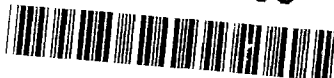


8-22-05

08-24-2005



103068136

Form PTO-1595 (Rev. 03/05)
OMB No. 0651-0027 (exp. 6/30/2005)

50001/112:5
U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

RECORDATION FORM COVER SHEET PATENTS ONLY

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)
Kelly J. BRULAND, Brian W. BAIRD, Ho Wai LO, Steven N. SWARINGEN, and Frank G. EVANS

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

3. Nature of conveyance/Execution Date(s):
Execution Date(s) June 24, June 29, and August 4, 2005
 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: Electro Scientific Industries, Inc.
Internal Address: _____

Street Address: 13900 NW Science Park Drive
City: Portland
State: OR
Country: USA Zip: 97229

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

4. Application or patent number(s):
A. Patent Application No.(s)
11/051,500
Additional numbers attached? Yes No

This document is being filed together with a new application.
B. Patent No.(s)

5. Name and address to whom correspondence concerning document should be mailed:
Name: Matthew C. Phillips
Internal Address: _____
Street Address: 900 SW Fifth Avenue, Suite 2600
City: Portland
State: OR Zip: 97204
Phone Number: (503) 224-3380
Fax Number: (503) 220-2480
Email Address: _____

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

8. Payment Information
a. Credit Card Last 4 Numbers _____
Expiration Date _____
b. Deposit Account Number _____
Authorized User Name _____

9. Signature: Matthew C. Phillips Signature _____ Date August 17, 2005
Matthew C. Phillips Name of Person Signing
Total number of pages including cover sheet, attachments, and documents: 5

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

08/23/2005 6TON11 00000066 11051500

01 FC:8021

40.00 OP

PATENT
REEL: 016907 FRAME: 0429

ASSIGNMENT

WHEREAS, we, Kelly J. Bruland, of Portland, County of Multnomah, State of Oregon, Brian W. Baird, of Oregon City, County of Clackamas, State of Oregon, Ho Wai Lo, of Portland, County of Multnomah, State of Oregon, Stephen N. Swaringen, of Rockwall, County of Rockwall, State of Texas, and Frank G. Evans, of Dundee, County of Yamhill, State of Oregon, have made inventions described in a United States patent application entitled SEMICONDUCTOR STRUCTURE PROCESSING USING MULTIPLE LATERALLY SPACED LASER BEAM SPOTS SPACED ON-AXIS DELIVERED SIMULTANEOUSLY, filed with the United States Patent and Trademark Office on February 4, 2005, and allotted Application No. 11/051,500; and

WHEREAS, Electro Scientific Industries, Inc., an Oregon corporation, having a place of business at 13900 NW Science Park Drive, Portland, Oregon 97229, is desirous of acquiring an interest therein:

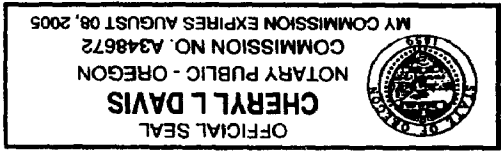
NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we, Kelly J. Bruland, Brian W. Baird, Ho Wai Lo, Stephen N. Swaringen, and Frank G. Evans, hereby sell, assign, and transfer to Electro Scientific Industries, Inc. the full and exclusive right, title, and interest in and to said inventions, said patent application, and any and all patent rights and letters patent for said inventions in the United States of America and elsewhere throughout the world, including provisional rights, foreign patent priority rights, and the right to apply for patents in foreign countries in our names or in the name of Electro Scientific Industries, Inc., and further including all divisions and continuations of said application and of any foreign patent applications, and all reissues and extensions of patent rights and letters patent for said inventions, all to be held and enjoyed by Electro Scientific Industries, Inc., for its own use and benefit, and by its successors and assigns for their own use and benefit, for the full duration of the terms for which patent rights and letters patent may be granted in this or any foreign country, and covenant that we have full right so to do, and agree that we will communicate to Electro Scientific Industries, Inc., and its successors and assigns, any facts known to us respecting said inventions, and testify in any legal proceeding, sign all lawful papers, execute all lawful divisional, continuation, and reissue applications, make all rightful declarations or oaths, and do everything lawfully possible to aid Electro Scientific Industries, Inc., and its successors and assigns, to obtain and enforce proper patent protection for said inventions in the United States of America and elsewhere throughout the world.

Executed at Portland, State of OR, this 29 day of June, 2005

Kelly J. Bruland
Kelly J. Bruland

STATE OF Oregon)
) ss.
County of Washington)

This 29 day of June, 2005, before me personally came the above-named Kelly J. Bruland, who acknowledged to me that he or she executed the foregoing instrument of his or her own free will.



Cheryl L. Davis
Notary Public for Oregon
My commission expires: Aug. 8, 2005

Executed at Portland, State of Oregon, this 29 day of June, 2005.

Brian W. Baird
Brian W. Baird

STATE OF Oregon)
) ss.
County of Washington)

This 29 day of June, 2005, before me personally came the above-named Brian W. Baird, who acknowledged to me that he or she executed the foregoing instrument of his or her own free will.



Cheryl L. Davis
Notary Public for Oregon
My commission expires: Aug 8, '05

Executed at Portland, State of Oregon, this 29th day of June, 2005.

Ho Wai Lo
Ho Wai Lo

STATE OF Oregon)
) ss.
County of Washington)

This 29 day of June, 2005, before me personally came the above-named Ho Wai Lo, who acknowledged to me that he or she executed the foregoing instrument of his or her own free will.



Cheryl L. Davis
Notary Public for Oregon
My commission expires: Aug. 8, 05

Executed at Richardson, State of Texas, this 24th day of June, 2005.

Stephen N. Swaringen
Stephen N. Swaringen

STATE OF Texas)
) ss.
County of Dallas)

This 24th day of June, 2005, before me personally came the above-named Stephen N. Swaringen, who acknowledged to me that he or she executed the foregoing instrument of his or her own free will.



Sandra Salazar
Notary Public for Texas
My commission expires: 7/24/07

Executed at Portland, State of Oregon, this 4 day of August, 2005

Frank G. Evans
Frank G. Evans

STATE OF Oregon)
County of Washington) ss.

This 4th day of August, 2005, before me personally came the above-named Frank G. Evans, who acknowledged to me that he or she executed the foregoing instrument of his or her own free will.



Candis S Schwarz
Notary Public for Oregon
My commission expires: July 5, 2009

STOEL RIVES LLP
900 SW Fifth Avenue, Suite 2600
Portland, OR 97204-1268
Telephone: (503) 224-3380
Facsimile: (503) 220-2480
Attorney Docket No.: 50001/112:2.5