

CORR

10-24-2001



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U.S. Department of Commerce  
Patent and Trademark Office  
PATENT

RECORDATION FORM COVER SHEET

TO THE DIRECTOR - U.S. PATENT AND TRADEMARK OFFICE:

1. Submission Type: CORRECTION - partly (only one application) recorded  
Recorded 6/4/01 at Reel/Frame: 011859/0245
2. Conveyance type: Assignment - Four Patent Properties Recited
3. Name of conveying parties:  
Corey M. Dunsky  
Xin Bing Liu  
Nicholas J. Croglio  
Ho W. Lo  
Bryan C. Gundrum  
Hisashi Matsumoto
- Executed:  
February 2, 2001  
April 24, 2001  
February 2, 2001  
February 2, 2001  
March 14, 2001  
February 2, 2001
- 10/12/01
4. Name and address of receiving party:  
Electro Scientific Industries  
13900 NW Science Park Drive  
Portland, Oregon 97229
5. Correspondent Name and Address:  
Michael L. Levine  
Stoel Rives LLP  
900 SW Fifth Avenue, Suite 2600  
Portland, Oregon 97204-1268
- Phone Number:  
(503) 224-3380
6. Total number of pages comprising the attached conveyance and any attachments:  
Thirteen (13).
7. Patent/Patent Application Numbers:  
60/136,568 (filed 5/28/99)  
60/175,098 (filed 1/7/00)  
60/193,668 (filed 3/31/00)  
09/580,396 (filed 5/26/00)
8. Total number patents or applications involved: Four (4).

10/23/2001 DBYRNE 00000234 60136568


01 FC:581

120.00 OP

9. Fee Amount for Properties Listed: \$160.00  
[X] A \$120.00 check is enclosed in payment of the recording fee. The remaining \$40.00 fee was paid with the June 1, 2001 request for assignment recordation (received at U.S. PTO Assignment Division June 4, 2001).
- [ ] Please charge our Deposit Account No. 19-4455 in the amount of \$ \_\_\_\_\_.
- [X] The undersigned hereby authorizes the Commissioner to charge any additional fees which may be required in connection with filing of these papers, or credit overpayment, to Deposit Account No. 19-4455.
10. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Respectfully submitted,

**Corey M. Dunsky, Xin Bing Liu,  
Nicholas J. Croglia, Ho W. Lo, Bryan C.  
Gundrum, and Hishashi Matsumoto**

By   
Michael L. Levine  
Registration No. 33,947

Dated: October 8, 2001

STOEL RIVES LLP  
900 SW Fifth Avenue, Suite 2600  
Portland, Oregon 97204-1268  
Telephone: (503) 224-3380  
Facsimile: (503) 220-2480  
Attorney Docket No. 26860/33:71.3  
(50001/71:3)

06-08-2001



101742775

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

*MWD*

In re provisional application of

Group Art Unit:

*6.4.01*

**Corey M. Dunsky, Xin Bing Liu,  
Nicholas J. Croglia, Ho W. Lo, Bryan C.  
Gundrum, and Hishashi Matsumoto**

Provisional Application No. 60/193,668

Filed: March 31, 2000

For: **BEAM SHAPING AND PROJECTION IMAGING WITH  
SOLID STATE UV GAUSSIAN BEAM TO FORM BLIND VIAS**

Date: June 1, 2001

**ASSIGNMENT COVER LETTER**

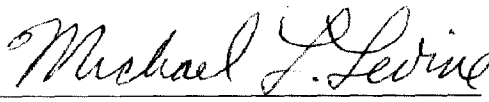
TO THE COMMISSIONER  
OF PATENTS AND TRADEMARKS:

- |    |                            |                        |
|----|----------------------------|------------------------|
| 1. | Name of conveying parties: | <u>Execution Date:</u> |
|    | Corey M. Dunsky            | February 2, 2001       |
|    | Xin Bing Liu               | April 24, 2001         |
|    | Nicholas J. Croglia        | February 2, 2001       |
|    | Ho W. Lo                   | February 2, 2001       |
|    | Bryan C. Gundrum           | March 14, 2001         |
|    | Hisashi Matsumoto          | February 2, 2001       |
- 
2. Name and address of receiving party:
- Electro Scientific Industries  
13900 NW Science Park Drive  
Portland, Oregon 97229
- 
3. Nature of conveyance:
- Assignment  
 Security Agreement  
 Merger  
 Change of Name  
 Other: \_\_\_\_\_
- 
4.  Provisional Application No.: 60/193,668  
 This \_\_\_\_\_ is being filed concurrently with a new application. The execution date of the application is \_\_\_\_\_, 2001.

5. Please direct all correspondence concerning this document to Michael L. Levine at the following address:
- Stoel Rives LLP  
900 SW Fifth Avenue, Suite 2600  
Portland, Oregon 97204-1268
6. Total number patents or applications involved: 1.
7. Total fee: \$40.00.  
 A check for \$40.00 in payment of the assignment recording fee is enclosed.  
 The \$40.00 fee for recording this assignment is included in the \$ \_\_\_\_\_ check submitted in payment of the total fee.
8. The Commissioner is hereby authorized to charge any additional fees which may be required in connection with filing of these papers, or credit overpayment, to Account No. 19-4455.
9. The information contained on this transmittal letter is true and correct to the best of the knowledge and belief of the person signing below, and any attached copy is a true copy of an original document.

Respectfully submitted,

**Corey M. Dunsky, Xin Bing Liu,  
Nicholas J. Croglia, Ho W. Lo,  
Bryan C. Gundrum, and Hishashi  
Matsumoto**

By   
Michael L. Levine  
Registration No. 33,947

Number of pages comprising the conveyance, cover letter, and any attachments: 9.

STOEL RIVES LLP  
900 SW Fifth Avenue, Suite 2600  
Portland, Oregon 97204-1268  
Telephone: (503) 224-3380  
Facsimile: (503) 220-2480  
Attorney Docket No. 26860/33:71.3 USA

PATENT APPLICATION

ASSIGNMENT

WHEREAS, we, Corey M. Dunsky, Xinbing Liu, Nicholas J. Croglia, Ho W. Lo, Bryan C. Gundrum and Hisashi Matsumoto, all of Portland, Oregon, County of Multnomah, State of Oregon, have made inventions described in United States provisional patent application No. 60/136,568, filed May 28, 1999, United States provisional patent application No. 60/175,098 filed January 7, 2000, and United States provisional patent application No. 60/193,668 filed March 31, 2000, all entitled **BEAM SHAPING AND PROJECTION IMAGING WITH SOLID STATE UV GAUSSIAN BEAM TO FORM BLIND VIAS**; and in United States utility patent application No. 09/580,396 filed May 26, 2000 entitled **BEAM SHAPING AND PROJECTION IMAGING WITH SOLID STATE UV GAUSSIAN BEAM TO FORM VIAS** and claiming priority from said provisional applications; 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, Corey M. Dunsky, Xin Bing Liu, Nicholas J. Croglia, Ho W. Lo, Bryan C. Gundrum and Hisashi Matsumoto 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 and elsewhere throughout the world, including 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 applications 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 this or any foreign country.

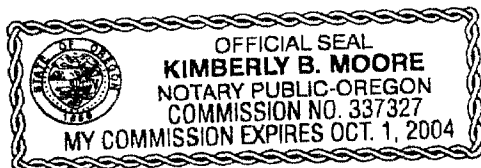
Executed at ESI, State of Oregon, this 2 day of February, 2001.

Corey M. Dunsky  
Corey M. Dunsky

STATE OF OREGON )  
County of Washington ) ss.

This 2 day of February, 2001, before me personally came the above-named Corey M. Dunsky, who executed the foregoing instrument in my presence, and who acknowledged to me that he executed the same of his own free will for the purposes set forth herein.

Kimberly B. Moore  
Notary Public for Oregon  
My commission expires: 10/1/04

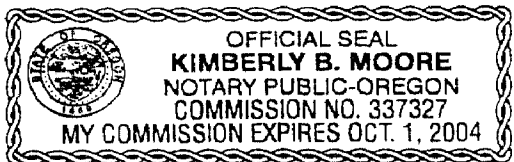


Executed at ESI, State of Oregon, this 2 day of February, 2001.

Ho W. Lo  
Ho W. Lo

STATE OF OREGON )  
 ) ss.  
County of Washington

This 2 day of February, 2001, before me personally came the above-named Ho W. Lo, who executed the foregoing instrument in my presence, and who acknowledged to me that he executed the same of his own free will for the purposes set forth herein.



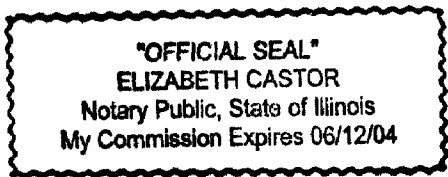
Kimberly B. Moore  
Notary Public for Oregon  
My commission expires: 10/1/04

Executed at VIUC, State of ~~Oregon~~, this 14 day of March, 2001. Illinois(ec)

Bryan C. Gundrum  
Bryan C. Gundrum

Illinois (ec)  
STATE OF OREGON )  
 ) ss.  
County of Champaign

This 14th day of March, 2001, before me personally came the above-named Bryan C. Gundrum, who executed the foregoing instrument in my presence, and who acknowledged to me that he executed the same of his own free will for the purposes set forth herein.



Elizabeth Castor  
Notary Public for ~~Oregon~~ Illinois (ec)  
My commission expires: 6-12-04

Executed at Cambridge, State of Oregon, this 24<sup>th</sup> day of April, 2001.

Xin Bing Liu  
Xin Bing Liu

STATE OF OREGON )  
 ) ss.  
County of Middlesex

This 24 day of April, 2001, before me personally came the above-named Xin Bing Liu, who executed the foregoing instrument in my presence, and who acknowledged to me that he executed the same of his own free will for the purposes set forth herein.

**Daniel M. Barnard**  
**NOTARY PUBLIC**  
My commission exp. Aug. 3, 2001

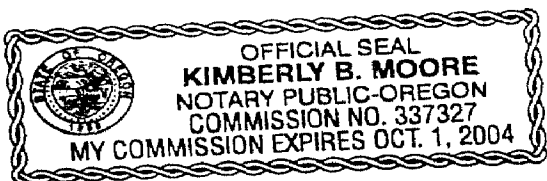
Daniel M. B  
**NOTARY P**  
~~My commission exp.~~  
Notary Public for Oregon  
My commission expires: \_\_\_\_\_

Executed at ESI, State of Oregon, this 2 day of February, 2001.

Nicholas J. Croglia Jr.  
Nicholas J. Croglia

STATE OF OREGON )  
 ) ss.  
County of Washington

This 2 day of February, 2001, before me personally came the above-named Nicholas J. Croglia, who executed the foregoing instrument in my presence, and who acknowledged to me that he executed the same of his own free will for the purposes set forth herein.



Kimberly B. Moore  
Notary Public for Oregon  
My commission expires: 10/1/04



Executed at ESI, State of Oregon this 2 day  
of February, 2001.

Hisashi Matsumoto  
Hisashi Matsumoto

STATE OF OREGON )  
County of Washington ) ss.

This 2 day of February, 2001, before  
me personally came the above-named Hisashi Matsumoto, who executed the  
foregoing instrument in my presence, and who acknowledged to me that he  
executed the same of his own free will for the purposes set forth herein.



Kimberly B. Moore  
Notary Public for Oregon  
My commission expires: 10/1/04

STOEL RIVES LLP  
900 SW Fifth Avenue, Suite 2600  
Portland, Oregon 97204-1268  
Telephone: (503) 224-3380  
Facsimile: (503) 220-2480  
Attorney Docket No. 26860/33:71.4 USA

Executed at \_\_\_\_\_, State of Oregon, this \_\_\_\_\_ day  
of \_\_\_\_\_, 2001.

\_\_\_\_\_  
Xin Bing Liu

STATE OF OREGON            )  
  ) ss.  
County of \_\_\_\_\_)

This \_\_\_\_\_ day of \_\_\_\_\_, 2001, before  
me personally came the above-named Xin Bing Liu, who executed the foregoing  
instrument in my presence, and who acknowledged to me that he executed the  
same of his own free will for the purposes set forth herein.

\_\_\_\_\_  
Notary Public for Oregon  
My commission expires: \_\_\_\_\_

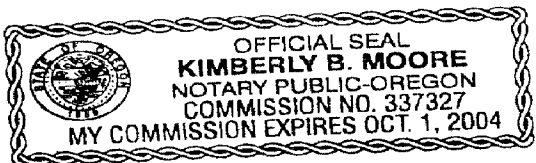
Executed at ESI, State of Oregon, this 2 day of  
February, 2001.

Nicholas J. Croglio Jr  
\_\_\_\_\_  
Nicholas J. Croglio

STATE OF OREGON            )  
  ) ss.  
County of Washington)

This 2 day of February, 2001, before  
me personally came the above-named Nicholas J. Croglio, who executed the  
foregoing instrument in my presence, and who acknowledged to me that he  
executed the same of his own free will for the purposes set forth herein.

Kimberly B. Moore  
\_\_\_\_\_  
Notary Public for Oregon  
My commission expires: 10/1/04



Executed at ESI, State of Oregon, this 2 day of February, 2001.

Ho W. Lo  
Ho W. Lo

STATE OF OREGON )  
County of Washington ) ss.

This 2 day of February, 2001, before me personally came the above-named Ho W. Lo, who executed the foregoing instrument in my presence, and who acknowledged to me that he executed the same of his own free will for the purposes set forth herein.



Kimberly B Moore  
Notary Public for Oregon  
My commission expires: 10/1/04

Executed at \_\_\_\_\_, State of Oregon, this \_\_\_\_ day of \_\_\_\_\_, 2001.

\_\_\_\_\_  
Bryan C. Gundrum

STATE OF OREGON )  
County of \_\_\_\_\_ ) ss.

This \_\_\_\_\_ day of \_\_\_\_\_, 2001, before me personally came the above-named Bryan C. Gundrum, who executed the foregoing instrument in my presence, and who acknowledged to me that he executed the same of his own free will for the purposes set forth herein.

\_\_\_\_\_  
Notary Public for Oregon  
My commission expires: \_\_\_\_\_