

08-16-2002



IN THE UT

102192650

DEMARK OFFICE

OFFICE OF THE COMMISSIONER OF PATENTS AND TRADEMARKS  
FINANCE CONTROL UNIT  
MAY 13 11 11 AM '02

In re application of

**Corey M. Dunsky, Hisashi Matsumoto, and Richard S. Harris**

Application No. 10/143,040

Group Art Unit: 2881

Filed: May 9, 2002

*8-14-02*

For: **MICROMACHINING WITH HIGH-ENERGY,  
INTRA-CAVITY Q-SWITCHED CO<sub>2</sub> LASER PULSES**

Date: August 9, 2002

Examiner: To be assigned

**ASSIGNMENT COVER LETTER**

TO THE COMMISSIONER OF PATENTS AND TRADEMARKS:

1. Name of conveying parties: Execution Date:

Corey M. Dunsky	July 12, 2002
Hasashi Matsumoto	July 3, 2002
Richard S. Harris	July 3, 2002

2. Name and address of receiving party:

Electro Scientific Industries, Inc.  
13900 NW Science Park Drive  
Portland, Oregon 97229

3. Nature of conveyance:

Assignment  
 Security Agreement  
 Merger  
 Change of Name  
 Other: \_\_\_\_\_

4.  Application No.: 10/143,040

This Assignment is being filed concurrently with a new application. The execution date of the application is \_\_\_\_\_, 2001.

08/15/2002 DBYRNE 00000190 10143040  
 01 FC:581 40.00 DP

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.

8.  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.

9.  Please charge our Deposit Account No. 19-4455 in the amount of \$\_\_\_\_\_.

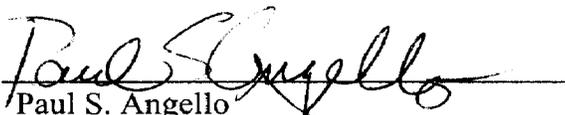
The Commissioner is hereby authorized to charge any additional fees which may be required in connection with filing of these papers, or credit overpayment, to Account No. 19-4455.

10. 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.

Number of pages comprising the conveyance, cover letter, and any attachments: 4.

Respectfully submitted,

**Corey M. Dunsky, Hisashi Matsumoto, and  
Richard S. Harris**

By:   
Paul S. Angello  
Registration No. 30,991

STOEL RIVES LLP  
900 SW Fifth Avenue, Suite 2600  
Portland, Oregon 97204-1268  
Telephone: (503) 224-3380  
Facsimile: (503) 220-2480  
Attorney Docket No.: 50001/86:2 USA

## ASSIGNMENT

WHEREAS, we, Corey M. Dunsky, of Portland, County of Multnomah, State of Oregon, Hisashi Matsumoto, of Hillsboro, County of Washington, State of Oregon, and Richard S. Harris, of Portland, County of Multnomah, State of Oregon, have made inventions described in United States provisional patent application No. 60/289,908, filed May 9, 2001, entitled "Method for Drilling High-Quality Vias in Electronic Substrates with High Energy CO<sub>2</sub> Laser Pulses," and in United States nonprovisional patent application No. 10/143,040, filed May 9, 2002, entitled "Micromachining with High-Energy, Intra-Cavity Q-Switched CO<sub>2</sub> Laser Pulses"; 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, Hisashi Matsumoto, and Richard S. Harris 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 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 this or any foreign country.

Executed at Portland State of Oregon, this 12<sup>th</sup> day of July, 2002.

Corey M. Dunsky  
COREY M. DUNSKY

STATE OF OREGON )  
) ss.  
County of WASHINGTON )

This 12<sup>th</sup> day of July, 2002, 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 or she executed the same of his or her own free will for the purposes set forth herein.



Gretchen M. Burns  
Notary Public for State of Oregon  
My commission expires: 7/30/05

Executed at Portland State of Oregon, this 3<sup>rd</sup> day of July, 2002.

Hisashi Matsumoto  
HISASHI MATSUMOTO

STATE OF OREGON )  
) ss.  
County of WASHINGTON )

This 3<sup>rd</sup> day of July, 2002, before me personally came the above-named Hisashi Matsumoto, who executed the foregoing instrument in my presence, and who acknowledged to me that he or she executed the same of his or her own free will for the purposes set forth herein.



Gretchen M. Burns  
Notary Public for State of Oregon  
My commission expires: 7/30/05

Executed at Portland, State of Oregon, this 30 day of July, 2002.

Richard S. Harris  
RICHARD S. HARRIS

STATE OF OREGON           )  
  ) ss.  
County of WASHINGTON)

This 30 day of July, 2002, before me personally came the above-named Richard S. Harris, who executed the foregoing instrument in my presence, and who acknowledged to me that he or she executed the same of his or her own free will for the purposes set forth herein.



Gretchen M. Burns  
Notary Public for State of Oregon  
My commission expires: 7/30/05

STOEL RIVES LLP  
900 SW Fifth Avenue, Suite 2600  
Portland, Oregon 97204-1268  
Telephone: (503) 224-3380  
Facsimile: (503) 220-2480  
Attorney Docket No.: 50001/86:2