

12-07-2004

IN THE UNITED STATES



102895538

DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

In re application of

Confirmation No. 2529

**Robert M. Pailthorp, Weisheng Lei,
Hisashi Matsumoto, Glenn Simenson,
David A. Watt, Mark Unrath, and
William J. Jordens**

12-3-04

Application No. 10/912,525

Filed: August 4, 2004

For: **METHODS FOR PROCESSING HOLES
BY MOVING PRECISELY TIMED
LASER PULSES IN CIRCULAR
AND SPIRAL TRAJECTORIES**

Date: November 30, 2004

ASSIGNMENT COVER LETTER

TO THE COMMISSIONER OF PATENTS AND TRADEMARKS:

1. Submission type: New
2. Conveyance type: Assignment

3. Names of conveying parties:

Robert M. Pailthorp
Weisheng Lei
Hisashi Matsumoto
Glenn Simenson
David A. Watt
Mark Unrath
William J. Jordens

Execution Date:

November 2, 2004
October 29, 2004
November 8, 2004
October 25, 2004
November 1, 2004
October 22, 2004
November 2, 2004

4. Name and address of receiving party:
Electro Scientific Industries, Inc.
13900 NW Science Park Drive
Portland, Oregon 97229

5. Number of pages comprising the conveyance and any attachments: Five (5)

6. Please direct all correspondence concerning this document to Paul S. Angello,
at the following address:

Stoel Rives LLP
900 SW Fifth Avenue, Suite 2600
Portland, Oregon 97204-1268

12-3-04 PM 7:17
COMM/FAC/JOE

40.00 OP
12/06/2004 REGISTRATION 10912525
01 FC:0021

PATENT

REEL: 016036 FRAME: 0601

ASSIGNMENT

WHEREAS, we, Robert M. Pailthorp, of Portland, County of Washington, State of Oregon, Weisheng Lei, of Portland, County of Washington, State of Oregon, Hisashi Matsumoto, of Hillsboro, County of Washington, State of Oregon, Glenn Simenson, of Portland, County of Washington, State of Oregon, David A. Watt, of Beaverton, County of Washington, State of Oregon, Mark A. Unrath, of Portland, County of Washington, State of Oregon, and William J. Jordens, of Beaverton, County of Washington, State of Oregon, have made inventions described in a United States patent application entitled METHODS FOR PROCESSING HOLES BY MOVING PRECISELY TIMED LASER PULSES IN CIRCULAR AND SPIRAL TRAJECTORIES, filed with the United States Patent and Trademark Office on August 4, 2004, and allotted Application No. 10/912,525; and

WHEREAS, ELECTRO SCIENTIFIC INDUSTRIES, INC., an Oregon corporation, having a place of business at 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, Robert M. Pailthorp, Weisheng Lei, Hisashi Matsumoto, Glenn Simenson, David A. Watt, Mark Unrath, and William J. Jordens, 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

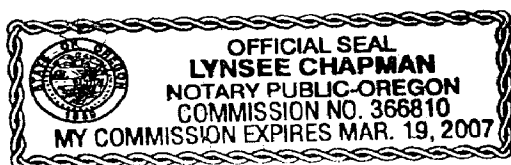
successors and assigns, to obtain and enforce proper patent protection for said inventions in the United States of America and elsewhere throughout the world.

Executed at Portland, State of Oregon, this 2nd day of November, 2004.

Robert M. Pailthorp
Robert M. Pailthorp

STATE OF OREGON)
) ss.
County of Washington)

This 2 day of November, 2004, before me personally came the above-named Robert M. Pailthorp, who acknowledged to me that he executed the foregoing instrument of his own free will.



Lynsee Chapman
Notary Public for Oregon
My commission expires: 3/19/2007

Executed at Portland, State of Oregon, this 29th day of October, 2004.

Weisheng Lei
Weisheng Lei

STATE OF OREGON)
) ss.
County of Washington)

This 29th day of October, 2004, before me personally came the above-named Weisheng Lei, who acknowledged to me that he executed the foregoing instrument of his own free will.

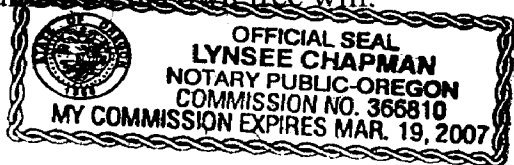
Lynsee Chapman
Notary Public for Oregon
My commission expires: 3/19/2007

Executed at Portland, State of Oregon, this 8 day of November, 2004.

Hisashi Matsumoto
Hisashi Matsumoto

STATE OF OREGON)
) ss.
County of Washington)

This 8 day of Nov., 2004, before me personally came the above-named Hisashi Matsumoto, who acknowledged to me that he executed the foregoing instrument of his own free will.



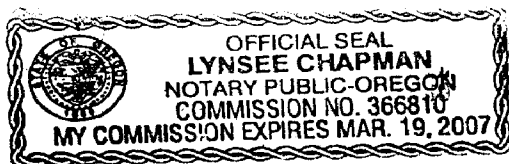
Lynsee Chapman
Notary Public for Oregon
My commission expires: 3/19/2007

Executed at Portland, State of Oregon, this 25 day of October, 2004.

Glenn Simenson
Glenn Simenson

STATE OF OREGON)
) ss.
County of Washington)

This 25 day of October, 2004, before me personally came the above-named Glenn Simenson, who acknowledged to me that he executed the foregoing instrument of his own free will.



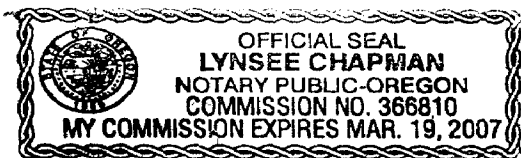
Lynsee Chapman
Notary Public for Oregon
My commission expires: 03-19-2007

Executed at Portland, State of Oregon, this 1 day of November, 2004.

David A Watt
David A. Watt

STATE OF OREGON)
) ss.
County of Washington)

This 1 day of November, 2004, before me personally came the above-named David A. Watt, who acknowledged to me that he executed the foregoing instrument of his own free will.



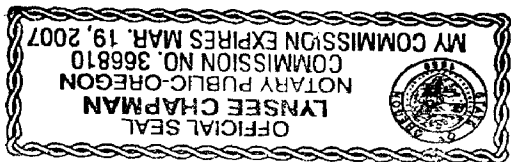
Lynsee Chapman
Notary Public for Oregon
My commission expires: 3-19-2007

Executed at Portland, State of Oregon, this 22 day of October, 2004.

Mark A. Unrath
Mark A. Unrath

STATE OF OREGON)
) ss.
County of Washington)

This 21 day of October, 2004, before me personally came the above-named Mark A. Unrath, who acknowledged to me that he executed the foregoing instrument of his own free will.



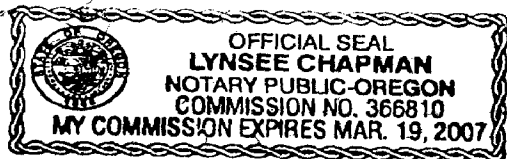
Lynsee Chapman
Notary Public for Oregon
My commission expires: 3-19-2007


Executed at Portland, State of Oregon, this 2 day of November, 2004.


William J. Jordens

STATE OF OREGON)
) ss.
County of Washington)

This 2 day of November, 2004, before me personally came the above-named William J. Jordens, who acknowledged to me that he executed the foregoing instrument of his own free will.




Notary Public for Oregon
My commission expires: 3/19/2007

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Portland, OR 97204-1268
Telephone: (503) 224-3380
Facsimile: (503) 220-2480
Attorney Docket No.: 50001/113:1