

**PATENT ASSIGNMENT**

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
Name	Execution Date
Mehmet E. Alpay	09/15/2011
Hisashi Matsumoto	08/22/2011
Mark A. Unrath	08/22/2011
Guangyu Li	08/22/2011
<b>RECEIVING PARTY DATA</b>	
Name:	Electro Scientific Industries, Inc.
Street Address:	13900 NW Science Park Drive
City:	Portland
State/Country:	OREGON
Postal Code:	97229-5497
<b>PROPERTY NUMBERS Total: 1</b>	
Property Type	Number
Application Number:	13076754
<b>CORRESPONDENCE DATA</b>	
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Phone:	801-328-3131
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<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
Correspondent Name:	Aaron D. Barker
Address Line 1:	Stoel Rives LLP
Address Line 2:	201 S. Main Street, Suite 1100
Address Line 4:	Salt Lake City, UTAH 84111
ATTORNEY DOCKET NUMBER:	50001/221;1
NAME OF SUBMITTER:	Aaron D. Barker
Total Attachments: 3 source=Executed_Assignment#page1.tif source=Executed_Assignment#page2.tif source=Executed_Assignment#page3.tif	

OP \$40.00 13076754

## ASSIGNMENT

WHEREAS, we, Mehmet E. Alpay, of Portland, County of Multnomah, State of Oregon; Hisashi Matsumoto, of Hillsboro, County of Washington, State of Oregon; Mark A. Unrath, of Portland, County of Multnomah, State of Oregon; and Guangyu Li, of Portland, County of Multnomah, State of Oregon; have made inventions described in a United States Patent Application No. 13/076,754, filed March 31, 2011, entitled LASER DIRECT ABLATION WITH PICOSECOND LASER PULSES AT HIGH PULSE REPETITION FREQUENCIES; assigned Attorney Docket No.: 50001/221:1; and

WHEREAS, Electro Scientific Industries, Inc., an Oregon corporation, having a place of business at 13900 NW Science Park Drive, Portland, Oregon 97229-5497, is desirous of acquiring an interest therein:

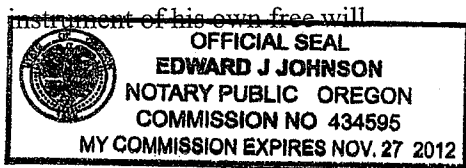
NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we, Mehmet E. Alpay, Hisashi Matsumoto, Mark A. Unrath and Guangyu Li, hereby sell, assign, and transfer to Electro Scientific Industries, Inc. the full and exclusive right, title, and interest in and to 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 15 day of September, 2011

Mehmet E. Alpay  
Mehmet E. Alpay

STATE OF OREGON )  
 ) ss.  
County of Multnomah )

This 15 day of September, 2011, before me personally came the above-named Mehmet E. Alpay, who acknowledged to me that he executed the foregoing



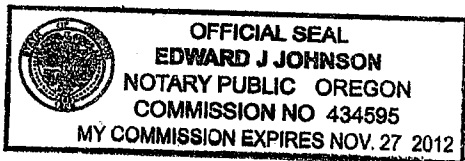
Edward J. Johnson  
Notary Public for Oregon  
My commission expires: November 27, 2012

Executed at Portland, State of Oregon, this 22 day of August, 2011

Hisashi Matsumoto  
Hisashi Matsumoto

STATE OF OREGON )  
 ) ss.  
County of Washington )

This 22 day of August, 2011, before me personally came the above-named Hisashi Matsumoto, who acknowledged to me that he executed the foregoing instrument of his own free will.



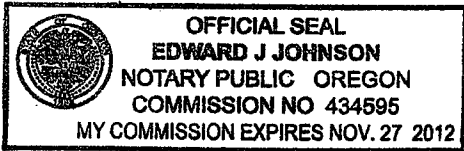
Edward J. Johnson  
Notary Public for Oregon  
My commission expires: November 27, 2012

Executed at Portland, State of OR, this 22 day of August, 2011

[Signature]  
Mark A. Unrath

STATE OF OREGON        )  
  ) ss.  
County of Multnomah    )

This 22 day of August, 2011, 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.



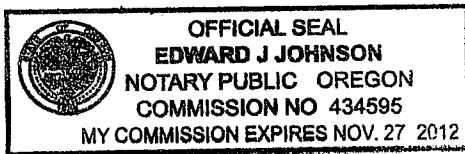
[Signature]  
Notary Public for Oregon  
My commission expires: November 27, 2012

Executed at Portland, State of OR, this 22nd day of August, 2011

[Signature]  
Guangyu Li

STATE OF OREGON        )  
  ) ss.  
County of Multnomah    )

This \_\_\_\_ day of \_\_\_\_\_, 2011, before me personally came the above-named Guangyu Li, who acknowledged to me that he executed the foregoing instrument of his own free will.



[Signature]  
Notary Public for Oregon  
My commission expires: November 27, 2012