

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Ho Wai Lo</td> <td>04/22/2008</td> </tr> <tr> <td>David Martin Hemenway</td> <td>04/22/2008</td> </tr> <tr> <td>Brady Nilsen</td> <td>04/24/2008</td> </tr> <tr> <td>Kelly J Bruland</td> <td>05/19/2008</td> </tr> </tbody> </table>		Name	Execution Date	Ho Wai Lo	04/22/2008	David Martin Hemenway	04/22/2008	Brady Nilsen	04/24/2008	Kelly J Bruland	05/19/2008
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David Martin Hemenway	04/22/2008										
Brady Nilsen	04/24/2008										
Kelly J Bruland	05/19/2008										
RECEIVING PARTY DATA											
Name:	Electro Scientific Industries, Inc.										
Street Address:	13900 NW Science Park Drive										
City:	Portland										
State/Country:	OREGON										
Postal Code:	97229										
PROPERTY NUMBERS Total: 1											
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>11499394</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	11499394						
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Application Number:	11499394										
CORRESPONDENCE DATA											
Fax Number:	(503)220-2480										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	5032243380										
Email:	mcphillips@stoel.com										
Correspondent Name:	Matthew C. Phillips										
Address Line 1:	900 SW Fifth Avenue										
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Address Line 4:	Portland, OREGON 97204										
ATTORNEY DOCKET NUMBER:	50001/112:12										
NAME OF SUBMITTER:	Matthew C. Phillips										

Total Attachments: 3

500553954

**PATENT
 REEL: 021047 FRAME: 0695**

OP \$40.00 11499394

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ASSIGNMENT

WHEREAS, we, Ho Wai LO, of Portland, County of Multnomah, State of Oregon, David Martin HEMENWAY, of Beaverton, County of Washington, State of Oregon, Brady NILSEN, of Beaverton, County of Washington, State of Oregon, and Kelly J. BRULAND, of Portland, County of Washington, State of Oregon, have made inventions described in a United States patent application entitled SYSTEMS AND METHODS FOR DISTINGUISHING REFLECTIONS OF MULTIPLE LASER BEAMS FOR CALIBRATION FOR SEMICONDUCTOR STRUCTURE PROCESSING, filed with the United States Patent and Trademark Office on August 3, 2006, and allotted Application No. 11/499,394; and

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

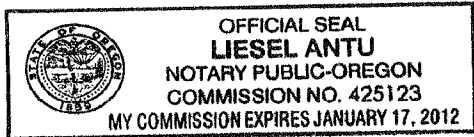
NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we, Ho Wai LO, David Martin HEMENWAY, Brady NILSEN, and Kelly J. BRULAND, hereby sell, assign, and transfer to Electro Scientific Industries, Inc. the full and exclusive right, title, and interest in and 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 ESI, State of Oregon, this 24 day of April, 2008.

Brady Nilsen
Brady NILSEN

STATE OF Oregon)
) ss.
County of Washington)

This 24 day of April, 2008, before me personally came the above-named Brady NILSEN, who acknowledged to me that he or she executed the foregoing instrument of his or her own free will.



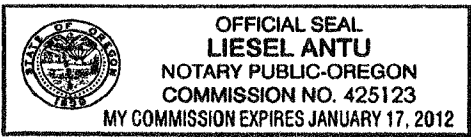
Liesel Antu
Notary Public for Oregon
My commission expires: January 17, 2012

Executed at ESI, State of Oregon, this 19 day of May, 2008.

Kelly J. Bruland
Kelly J. BRULAND

STATE OF Oregon)
) ss.
County of Washington)

This 19 day of May, 2008, 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.



Liesel Antu
Notary Public for Oregon
My commission expires: January 17, 2012

STOEL RIVES LLP
900 SW Fifth Avenue, Suite 2600
Portland, OR 97204-1268
Telephone: (503) 224-3380
Facsimile: (503) 220-2480
Attorney Docket No.: 50001/112:12