

## PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Daragh S. Finn</td><td>01/17/2011</td></tr><tr><td>Andrew E. Hooper</td><td>01/17/2011</td></tr><tr><td>A. Grey Lerner</td><td>02/03/2011</td></tr></tbody></table>		Name	Execution Date	Daragh S. Finn	01/17/2011	Andrew E. Hooper	01/17/2011	A. Grey Lerner	02/03/2011		
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RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>Electro Scientific Industries, Inc.</td></tr><tr><td>Street Address:</td><td>13900 NW Science Park Drive</td></tr><tr><td>City:</td><td>Portland</td></tr><tr><td>State/Country:</td><td>OREGON</td></tr><tr><td>Postal Code:</td><td>97229</td></tr></table>		Name:	Electro Scientific Industries, Inc.	Street Address:	13900 NW Science Park Drive	City:	Portland	State/Country:	OREGON	Postal Code:	97229
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PROPERTY NUMBERS Total: 1											
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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: tjoverall@stoel.com											
Correspondent Name: Tyler J. Overall											
Address Line 1: Stoel Rives LLP											
Address Line 2: 900 SW Fifth Avenue, Suite 2600											
Address Line 4: Portland, OREGON 97204											
ATTORNEY DOCKET NUMBER:	50001/229										
NAME OF SUBMITTER:	Tyler J. Overall										
Total Attachments: 4 source=50001-229Assignment#page1.tif source=50001-229Assignment#page2.tif source=50001-229Assignment#page3.tif source=50001-229Assignment#page4.tif											

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PATENT  
REEL: 026745 FRAME: 0317

## ASSIGNMENT

WHEREAS, we, Daragh S. FINN, of Portland, County of Multnomah, State of Oregon, Andrew E. HOOPER, of Portland, County of Multnomah, State of Oregon, and A. Grey LERNER, of Portland, County of Washington, State of Oregon, ("ASSIGNOR") have made inventions described in United States Patent Application No. 12/970,483, entitled CLOSED-LOOP SILICON ETCHING CONTROL METHOD AND SYSTEM, filed December 16, 2010; and

WHEREAS, Electro Scientific Industries, Inc., an Oregon corporation ("ASSIGNEE"), 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, ASSIGNOR, hereby sells, assigns, and transfers to ASSIGNEE 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 ASSIGNOR's name or in the name of ASSIGNEE and further including all 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 ASSIGNEE 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 covenants that ASSIGNOR has full right so to do, and agrees that ASSIGNOR will communicate to ASSIGNEE and its successors and assigns, any facts known to ASSIGNOR 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 ASSIGNEE 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 17 day of Jan, 2011.

*Daragh S. Finn.*  
Daragh S. FINN

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Executed at Portland, State of Oregon, this 17 day of January, 2011.

  
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Andrew E. HOOPER

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Executed at Portland, State of Oregon, this 3<sup>RD</sup> day of FEBRUARY, 2011.

  
A. Grey LERNER

STOEL RIVES LLP  
900 SW Fifth Avenue, Suite 2600  
Portland, OR 97204-1268  
Telephone: (503) 224-3380  
Facsimile: (503) 220-2480  
Attorney Docket No.: 50001/229:1 USA