

PATENT ASSIGNMENT

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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>Jonathan D. Halderman</td> <td>07/24/2012</td> </tr> <tr> <td>Ciaran John Patrick O'CONNOR</td> <td>07/24/2012</td> </tr> <tr> <td>Jay Wilkins</td> <td>07/24/2012</td> </tr> </tbody> </table>		Name	Execution Date	Jonathan D. Halderman	07/24/2012	Ciaran John Patrick O'CONNOR	07/24/2012	Jay Wilkins	07/24/2012		
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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											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13557545</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13557545						
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CORRESPONDENCE DATA											
<p>Fax Number: 5036715337</p> <p>Phone: 503-641-4141</p> <p>Email: ESILegal@esi.com</p> <p><i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i></p> <p>Correspondent Name: ELECTRO SCIENTIFIC INDUSTRIES, INC.</p> <p>Address Line 1: 13900 N.W. SCIENCE PARK DRIVE</p> <p>Address Line 4: PORTLAND, OREGON 97229</p>											
ATTORNEY DOCKET NUMBER:	E128:N1										
NAME OF SUBMITTER:	Kurt M. Eaton										
<p>Total Attachments: 4</p> <p>source=Executed_Assignment#page1.tif</p> <p>source=Executed_Assignment#page2.tif</p> <p>source=Executed_Assignment#page3.tif</p> <p>source=Executed_Assignment#page4.tif</p>											

OP \$40.00 13557545

ASSIGNMENT

Assignor: Jonathan D. Halderman

Address: 3439 Machado Ave., Santa Clara, CA, 95051, USA

Assignor: Ciaran John Patrick O'Conner

Address: 475 Clifden Drive, Bozeman, MT, 59718, USA

Assignor: Jay Wilkins

Address: 51 Dana Lane, Belgrade, MT, 59714, USA

Assignee: Electro Scientific Industries, Inc.

Address: 13900 N.W. Science Park Drive
Portland Oregon, 97229-5497
USA

Title of Invention: **METHOD AND APPARATUS FOR CHARACTERIZING OBJECTS AND
MONITORING MANUFACTURING PROCESSES**

U.S. Patent Application:

Application Serial No.:

Filing Date:

For good and valuable consideration, the receipt of which is hereby acknowledged, the above-named Assignor hereby sells, assigns and transfers to Assignee, the full and exclusive right, title and interest in and to the above-identified invention, patent application and patent rights throughout the world, including foreign

patent priority rights; said invention, application and letters patent in this or any foreign country, and all divisions, continuations, reissues, non-provisionals and extensions thereof, to be held and enjoyed by Assignee, for its own use and benefit, and for its successors and assigns to the full end of the term for which letters patent may be granted in this or any foreign country, as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made, and covenant that Assignor has full right so to do, and agree that Assignor will communicate to Assignee, or its successors and assigns, any facts known to Assignor respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, non-provisional and reissue applications, make all rightful oaths, and do everything possible to aid Assignee, its successors and assigns to obtain and enforce proper patent protection for said invention in this or any foreign country.

In the event that the patent application filing date or serial number is not known at the time this document is executed, Assignor hereby grants permission to the attorneys of record in the patent application to fill in the filing date and/or serial number above, and to record this assignment after such information is added.

Executed at this 24th day of July, 2012.


Jonathan Halderman
Assignor

Executed at this _____ day of July, 2012.

Ciaran John Patrick O'Connor
Assignor

PATENT APPLICATION

ESI Docket No.: E128:N1

IDF No.: 110711

patent priority rights; said invention, application and letters patent in this or any foreign country, and all divisions, continuations, reissues, non-provisionals and extensions thereof, to be held and enjoyed by Assignee, for its own use and benefit, and for its successors and assigns to the full end of the term for which letters patent may be granted in this or any foreign country, as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made, and covenant that Assignor has full right so to do, and agree that Assignor will communicate to Assignee, or its successors and assigns, any facts known to Assignor respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, non-provisional and reissue applications, make all rightful oaths, and do everything possible to aid Assignee, its successors and assigns to obtain and enforce proper patent protection for said invention in this or any foreign country.

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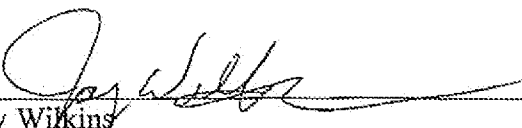
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