

## 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>Lou Spencer POPOVITCH</td> <td>09/26/2013</td> </tr> <tr> <td>Christopher Enright BRUCHS</td> <td>09/26/2013</td> </tr> <tr> <td>Dan Joseph MANGAN</td> <td>09/27/2013</td> </tr> </tbody> </table>		Name	Execution Date	Lou Spencer POPOVITCH	09/26/2013	Christopher Enright BRUCHS	09/26/2013	Dan Joseph MANGAN	09/27/2013		
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>Thermo Fisher Scientific (Asheville) LLC</td> </tr> <tr> <td>Street Address:</td> <td>275 Aiken Road</td> </tr> <tr> <td>City:</td> <td>Asheville</td> </tr> <tr> <td>State/Country:</td> <td>NORTH CAROLINA</td> </tr> <tr> <td>Postal Code:</td> <td>28804</td> </tr> </table>		Name:	Thermo Fisher Scientific (Asheville) LLC	Street Address:	275 Aiken Road	City:	Asheville	State/Country:	NORTH CAROLINA	Postal Code:	28804
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CORRESPONDENCE DATA											
<p>Fax Number:  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 513-241-2324        Email: kmartin@whe-law.com        Correspondent Name: David A. Fitzgerald II        Address Line 1: 441 Vine Street        Address Line 2: Suite 2700        Address Line 4: Cincinnati, OHIO 45202</p>											
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NAME OF SUBMITTER:	David A. Fitzgerald II										
Signature:	/David A. Fitzgerald II/										

Date:

09/30/2013

Total Attachments: 3

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and interest in and to the same to be held and enjoyed by the ASSIGNEE, its successors, legal representatives, and assigns to the full end of the terms for which any and all such patents may be granted, as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made; and each undersigned inventor agrees to execute any and all documents and instruments and perform all lawful acts reasonably related to recording this Assignment or perfecting title to the Invention and all related patents and applications, in the ASSIGNEE, its successors, legal representatives, and assigns, whenever requested by the ASSIGNEE, its successors, legal representatives, or assigns.

Each undersigned inventor acknowledges their prior and ongoing obligations to sell, assign, and transfer the rights under this Assignment to the ASSIGNEE and is unaware of any reason why they may not have the full and unencumbered right to sell, assign, and transfer the rights hereby sold, assigned, and transferred, and has not executed, and will not execute, any document or instrument in conflict herewith. Each undersigned inventor also hereby grants the ASSIGNEE, its successors, legal representatives, and assigns, the right to insert in this Assignment any further identification (including, but not limited to, patent Application Number) which may be necessary or desirable for recordation of this Assignment. This Assignment is governed by the substantive laws of United States of America, and any disputes will be resolved in a court sited in United States of America.

I hereby acknowledge that any willful false statement made in this Declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

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Inventor's Signature:  Date: 9/26/2013

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Inventor's Signature: *Christopher Enright Bruchs* Date: 09/26/2013

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Citizenship: US

**Legal name of Inventor:** Dan Joseph Mangan

Inventor's Signature: *Dan Mangan* Date: 27-Sep-2013

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