

## 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>Shawn BOYE</td> <td>02/06/2013</td> </tr> </tbody> </table>		Name	Execution Date	Shawn BOYE	02/06/2013
Name	Execution Date				
Shawn BOYE	02/06/2013				
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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>13808196</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13808196
Property Type	Number				
Application Number:	13808196				
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Total Attachments: 2 source=Assignment#page1.tif source=Assignment#page2.tif					

OP \$40.00 13808196

**ASSIGNMENT - WORLDWIDE**

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

ST. JUDE MEDICAL SYSTEMS AB  
P.O. Box 6350  
S-751 35 Uppsala, Sweden

its successors and assigns, the entire right, title and interest, so far as concerns the United States and the Territories and Possessions thereof and all foreign countries in and to the invention in

**SENSOR ELEMENT WITH AN INSULATION LAYER**

as set forth in this United States Patent Application

- executed concurrently herewith
- executed on \_\_\_\_\_
- Serial No. 13/808,196 (PCT/EP2011/060033) filed June 16, 2011

said application for United States Letters Patent, including all divisional, renewal, substitute, continuation and Convention applications based in whole or in part upon said inventions or upon said applications, and any and all Letters Patent and reissues and extensions of Letters Patent granted for said inventions or upon said applications and every priority right that is or may be predicated upon or arise from said inventions, said applications, and said Letters Patent; said Assignee being hereby authorized to file patent applications in any or all countries on any or all said inventions in the name of the undersigned or in the name of said Assignee or otherwise as said Assignee may deem advisable, under the International Convention or otherwise; the Commissioner of Patents and Trademarks of the United States of America being hereby authorized to issue or transfer all said Letters Patent to said Assignee in accordance herewith; this assignment being under covenant, not only that full power to make the same is had by the undersigned, but also that such assigned right is not encumbered by any grant, license, or other right theretofore given, and that the undersigned will do all acts reasonably serving to ensure that the said inventions, patent applications and Letters Patent shall be held and enjoyed by said Assignee as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly to execute and deliver to said Assignee all lawful documents including petitions, specifications, oaths, assignments, invention disclaimers, and lawful affidavits in form and substance which may be requested by said Assignee, to furnish said Assignee with all facts relating to said inventions or the history thereof and any and all documents, photographs, models, samples or other physical exhibits which may be of said inventions, and to testify in any proceedings relating to said inventions, patent applications and Letters Patent.

The undersigned hereby grant the firm of FOLEY & LARDNER LLP the power to insert in this Assignment any further identification which may be necessary or desirable to

comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

NAMES AND SIGNATURES OF INVENTORS		
Name: Shawn BOYE	Signature: <i>[Signature]</i>	Date: 2013-02-06
Name:	Signature:	Date:
Name:	Signature:	Date:
NAMES AND SIGNATURES OF WITNESSES		
Name: Stefan TICINSOU	Signature: <i>[Signature]</i>	Date: 2013-02-06
Name: MALIN BITLING	Signature: <i>[Signature]</i>	Date: Jan 6, 2013

Note: Prima facie evidence of execution may optionally be obtained by execution of this document before a U.S. Consul or before a local officer authorized to administer oaths whose authority is proved by a certificate from a U.S. Consul.

State of California, County of San Mateo  
Subscribed and sworn to before me  
On 6<sup>th</sup> day of February, 2013

By Shawn Boye  
Proved to me on the basis of satisfactory evidence  
to be the person or who appeared before me.

Notary Public Helen Sutherland

