

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>Sven-Erik Hedberg</td> <td>10/25/2011</td> </tr> <tr> <td>Malin Hollmark</td> <td>10/26/2011</td> </tr> <tr> <td>Stefan Hjelm</td> <td>10/26/2011</td> </tr> <tr> <td>Michael Broome</td> <td>10/25/2011</td> </tr> </tbody> </table> | | Name | Execution Date | Sven-Erik Hedberg | 10/25/2011 | Malin Hollmark | 10/26/2011 | Stefan Hjelm | 10/26/2011 | Michael Broome | 10/25/2011 |
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| <table border="1"> <tr> <td>Name:</td> <td>ST. JUDE MEDICAL AB</td> </tr> <tr> <td>Street Address:</td> <td>VEDDESTAVAGEN 19</td> </tr> <tr> <td>City:</td> <td>JARFALLA</td> </tr> <tr> <td>State/Country:</td> <td>SWEDEN</td> </tr> <tr> <td>Postal Code:</td> <td>SE-175 84</td> </tr> </table> | | Name: | ST. JUDE MEDICAL AB | Street Address: | VEDDESTAVAGEN 19 | City: | JARFALLA | State/Country: | SWEDEN | Postal Code: | SE-175 84 |
| Name: | ST. JUDE MEDICAL AB | | | | | | | | | | |
| Street Address: | VEDDESTAVAGEN 19 | | | | | | | | | | |
| City: | JARFALLA | | | | | | | | | | |
| State/Country: | SWEDEN | | | | | | | | | | |
| Postal Code: | SE-175 84 | | | | | | | | | | |
| 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>13648984</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 13648984 | | | | | | |
| Property Type | Number | | | | | | | | | | |
| Application Number: | 13648984 | | | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | | | |
| <p>Fax Number: 8183624795 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 818-362-6822</p> <p>Email: epineiro@sjm.com</p> <p>Correspondent Name: PACESETTER, INC.</p> <p>Address Line 1: 15900 VALLEY VIEW CT.</p> <p>Address Line 4: SYLMAR, CALIFORNIA 91392-9221</p> | | | | | | | | | | | |
| ATTORNEY DOCKET NUMBER: | A11P2015 | | | | | | | | | | |
| NAME OF SUBMITTER: | Estella Pineiro | | | | | | | | | | |
| <p>Total Attachments: 1 source=A11P2015Assign#page1.tif</p> | | | | | | | | | | | |

CH \$40.00 13648984

PATENT

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the undersigned

HEDBERG, Sven-Erik
Odonstigen 5
SE-196 32 Kungsängen
Sweden

HOLLMARK, Malin
Anders Lundströms gata 24
SE-169 73 Solna
Sweden

HJELM, Stefan
Västra Myrskären 40
SE-746 91 Bålsta
Sweden

BROOMÉ, Michael
Mossvägen 24
SE-178 38 Ekerö
Sweden

1. Hereby sell, assign and transfer to; St. Jude Medical AB, SE-175 84 Järfälla, Sweden, herein the "Assignee", my (our) entire world-wide right, title and interest in and to any and all improvements in an invention made by myself (ourselves) and is entitled

PACING SEQUENCE OPTIMIZATION

being identified in St. Jude Medical AB records as case number:
and having the following filing data:

A11P2015

Date October 24, 2011
Application No. 11186404.7

The transfer of rights includes all applications based on the aforementioned invention in all applicable countries including divisionals and continuations thereof.

2. The Assignee alone hereinafter has the entire disposal of the invention and possesses, in particular but not exclusively, the entire ownership to any patent application filed (including said application mentioned above) and to any patent granted hereinafter. The Assignor(s) undertake(s) to sign all documents, without charge to but at the expense of the Assignee, the Assignee considers necessary for aiding in securing and maintaining proper patent protection for said invention, or for aiding in asserting the transferred rights in this Assignment.
3. If the Assignor(s) is (are) prevented by any obstacles from signing said documents in person, this document of assignment shall be valid as a Power of Attorney for the Assignee to sign these documents on behalf of the Assignor or, in the event of the death of the latter, the estate thereof.

Date: Oct 25, 2011

Signature: 
Sven-Erik Hedberg

Date: Oct 26, 2011

Signature: 
Malin Höllmark

Date: Oct 26, 2011

Signature: 
Stefan Hjelm

Date: OCT 25, 2011

Signature: 
Michael Broomé


Signature of witness


Signature of witness