PATENT ASSIGNMENT

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SUBMISSION TYPE:		NEW ASSIGNMENT				
NATURE OF CONVEYANCE:		ASSIGNMENT				
CONVEYING PARTY DATA						
Name Execution Date						
Tomas Svensson				09/26/2011		
Andreas Blomqvist				09/06/2011		
Andreas Karlsson				09/07/2011		
Michael Broome				09/27/2011		
RECEIVING PARTY DA	TA					
Name:	ne: ST. JUDE MEDICAL AB					
Street Address:	VEDDESTAVA	GEN 1	19			
City:	JARFALLA					
State/Country:	SWEDEN	SWEDEN				
Postal Code:	SE-175 84					
PROPERTY NUMBERS	S Total: 1					
Property Type		Number				
Application Number: 13578		553				
CORRESPONDENCE DATA						
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Email: epineiro@sjm.com						
Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.						
Correspondent Name: PACESETTER, INC.						
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ATTORNEY DOCKET NUMBER:			A11P2013			
NAME OF SUBMITTER:			Estella Pineiro			
Total Attachments: 2 source=A11P2013Assign#page1.tif source=A11P2013Assign#page2.tif						

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the undersigned

SVENSSON, Tomas Parkgatan 10 SE-112 30 Stockholm Sweden

BLOMQVIST, Andreas Adolf Lemons vag 25 SE-187 76 Täby Sweden

KARLSSON, Andreas Råsundavägen 24 SE-169 67 Solna Sweden

BROOMÈ, Michael Mossvägen 24 SE-178 38 Ekerö Sweden

 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

PHYSIOLOGICALLY ADAPTED CARDIAC RESYNCHRONIZATION THERAPY

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

A11P2013WO

Date	August 31, 2011
Application No.	PCT/EP2011/064965

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:	Sept - 26, 2011	Signature:	Tomas Svensson
Date:		Signature:	Andreas Blomqvist
Date:	September 7, 2011	Signature:	Andreas Karlsson
Date:	SEPTEMBER 27 2011	Signature:	Michael Broomé
	Mapeusson	Mani	a Glundel

Signature of witness

10113240Signature of witness PATENT

REEL: 028767 FRAME: 0716

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the undersigned

SVENSSON, Tomas Parkgatan 10 SE-112 30 Stockholm Sweden BLOMQVIST, Andreas Adolf Lemons väg 25 SE-187 76 Täby Sweden KARLSSON, Andreas Råsundavägen 24 SE-169 67 Solna Sweden

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 the Assignor or, in the event of the death of the latter, the estate thereof.

Date:	: 	Signature:	-
Date:	Sept 6, 2011	Signature:	Tomas Svensson Andreas Blomqvist
Date:	. The statement of the	Signature:	
			Andreas Karlsson
Date:		Signature:	
			Michael Broomé
5.1	Varreussou		
Signature o		Signature of wi	iness

PATENT REEL: 028767 FRAME: 0717

RECORDED: 08/10/2012