06-13-2003 **OVER SHEET** U.S. DEPARTMENT OF COMMERCE FORM PTO-1595 **ILY** Patent and Trademark Office 1/31/92 102472251 attached original documents or copy thereof. To the Honorable Commissioner of Pale 2. Name and address of receiving party(ies): Name of conveying party(ies): 12.17.02 KARIN JAVERUD Name: St. Jude Medical AB KJELL NOREN Internal Address: Additional name(s) of conveying party(ies) attached? ⊠ No 3. Nature of conveyance: Street Address: Veddestavagen 19 ☐ Merger ☐ Change of Name Security Agreement ☐ Other City: SE 175 84 Jarfalla, Sweden State: Zip: Execution Date December 13, 2002 Additional Name(s) & Address(es) attached ☐ Yes ☑ No 4. Application (number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: December 13, 2002 A. Patent Application No.(s) Patent No.(s) P02,0603 (PCT/SE01/01424) 02 FC: 1021 40.00 GP Additional numbers attached? ☐ Yes ☒ No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved concerning document should be mailed: **SCHIFF HARDIN & WAITE** 7. Total Fee (37 CFR 3.41 \$40.00 Enclosed **Patent Department** × Authorized to be charged to deposit account any 6600 Sears Tower Additional fees 233 S. Wacker Drive Chicago, IL 60606-6473 8. Deposit Account Number: Telephone: (312) 258-5500 501519 **Customer Number: 26574** (Attach duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 9. Statement and signature: To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. (Reg. No.28,982) Steven H. Noll Dec. 17, 2002 Name of Person Signing Date Total number of pages:2 Mail documents to be recorded and required cover sheet information to: Commissioner of Patents and Trademarks

Box Assignments Washington, D.C. 20231

PATENT REEL: 014155 FRAME: 0062

## ASSIGNMENT

FOR a valuable consideration, the undersigned,

KARIN JÄVERUD BALLONGO 17, 44°C S-172 63 Sundbyber

KJELL NORÉN

Sweden 16971 SOLNA

Karolinagatan 10C S-171 58 Solna Sweden

hereby sell, assign and transfer unto St. Jude Medical AB, Veddestavägen 19, SE-175 84 Järfälla, Sweden a Swedish corporation, the whole right, title and interest in and to a certain invention or improvement in

## "IMPLANTABLE MEDICAL DEVICE WITH VALVE OPENING DETECTOR"

disclosed in an application for Letters Patent of the United States, prepared by the Patent Department of the Firm Schiff Hardin & Waite of Chicago, Illinois, and executed of even date herewith, said application being identified in the office records of said firm as Case No. P02,0603 and in our own records as Case No. A00P2009PUS and in and to the United States Letters Patent therefor, when issued, together with all improvements thereon and betterments thereof, all divisions, continuations and reissues thereof and substitutions of or for said application, and all rights and privileges under the Letters Patent that may be granted therefor, including the right to claim the benefit of an earlier filing date for the same invention in a foreign country.

I hereby authorize and request the Commissioner of Patents to issue the Letters Patent that may be granted for said invention or improvements to said St. Jude Medical AB, Veddestavägen 19, SE-175 84 Järfälla, Sweden a Swedish corporation.

For the same consideration, I hereby agree that I will promptly communicate to the aforesaid assignee or its assigns full and complete information concerning said improvements or betterments of the inventions disclosed in said application, and will cooperate at any time upon request of said assignee or its assigns, at its expense, in the procurement of patent protection to cover the inventions herein assigned and to be assigned, including the execution of new, divisional, continuing and reissue applications; will make all rightful oaths, will testify in any proceedings in the United States Patent Office or in the Courts, and generally will do everything lawfully possible to aid said assignee, its successors, assigns and nominees to obtain, enjoy and enforce proper patent protection for the inventions embraced within the terms of this document.

DATE: 2002 Dec 13

DATE: 2002 Dec 13

**RECORDED: 12/17/2002** 

WITNESS:

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**PATENT** REEL: 014155 FRAME: 0063