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SHEET U.S. DEPARTMENT OF COMMERCE 7 Rec'd PCT/PTO 22 DEC 2005

PATENTS ONLY 1/31/92 Patent and Trademark Office Director of United States Patent and Trademark Office: Please Record the attached original documents or copy thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): MARIA TORPO KARIN LJUNGSTRÖM MALIN ÖHLANDER Name: St. Jude Medical AB ANDERS BJÖRLING Additional name(s) of conveying party(ies) attached? Internal Address: Yes ⊠ No 3. Nature of conveyance: Street Address: Veddestavägen 19 ☐ Merger ☐ Security Agreement ☐ Change of Name ☐ Other Execution Date December 21, 2005 City: Järfälla State: Sweden Zip: 175-84 Additional Name(s) & Address(es) attached ☐ Yes ☒ No 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 21, 2005 Patent No.(s) Patent Application No.(s) P05,0367 "APPARATUS FOR DETECTING DIASTOLIC **HEART FAILURE"** 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 LLP 7. Total Fee (37 CFR 3.41 \$40.00 **Patent Department** Enclosed × 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. Steven H. Noll (Reg. No.28,982) December 22, 2005 Name of Person Signing Date Total number of pages; Mail documents to be recorded and required cover sheet information to:

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ASSIGNMENT

FOR a valuable consideration, the undersigned,

residing at,

Maria TORPO Duvkullavägen 42B 2 tr S-172 37 Sundbyberg SWEDEN Malin ÖHLANDER Mariatorget 6a, 3 trög S-118 48 Stockholm SWEDEN Anders BJÖRLING Handbollvägen 24G S-175 53 Järfälla SWEDEN Karin LJUNGSTRÖM Albert Landbergs gränd 34 S-165 70 Hässelby 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

"APPARATUS FOR DETECTING DIASTOLIC HEART FAILURE"

disclosed in an application for Letters Patent of the United States, prepared by the Patent Department of the Firm Schiff, Hardin LLP of Chicago, Illinois, and executed of even date herewith, said application being identified in the office records of said firm as Case No. A04P2003PUS and in our own records as Case No. P05,0367 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.

We 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, we hereby agree that we 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 assignce, its successors, assigns and nominees to obtain, enjoy and enforce proper patent protection for the inventions embraced within the terms of this document.

PATENT REEL: 017409 FRAME: 0661 DATE: Dec 21, 2005

DATE: DRC 21,2005

DATE: Dec 21,2005

DATE: Dec 21, 2005

Maria TORPO

Malin ÖHLANDER

Anders BJÖRIZING

Karin LJUNGSTRÖM

WITNESSES:

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PATENT REEL: 017409 FRAME: 0662