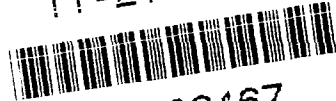


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U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): Intermedics, Inc. 4000 Technology Drive Angleton, Texas 77515

2. Name and address of receiving party(ies) Name: Advanced Medical Devices Internal Address:

3. Nature of conveyance: [X] Assignment [] Merger [] Security Agreement [] Change of Name [] Other Execution Date: 11/10/2003

Street Address: 16A Boulevard De La Foire BP 524 City: Luxembourg State: Zip: L2015 Additional name(s) & address(es) attached? [] Yes [X] 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: A. Patent Application No.(s) B. Patent No.(s) 6,080,187

Additional numbers attached? [] Yes [X] No

5. Name and address of party to whom correspondence concerning document should be mailed: Name: Anita E. Kadala Internal Address: Street Address: Weil Gotshal & Manges LLP 700 Louisiana, Suite 1600 City: Houston State: TX Zip: 77002-2784

6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41).....\$ 40.00 [X] Enclosed [] Authorized to be charged to deposit account

8. Deposit account number:

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9. Signature. Anita E. Kadala Name of Person Signing

Signature Date 11/14/2003

Total number of pages including cover sheet, attachments, and documents: 3

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Mall documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

PATENT REEL: 014699 FRAME: 0519

ASSIGNMENT

WHEREAS, Intermedics, Inc. (“Intermedics” or “Assignor”), a Delaware Corporation having a business address of 4000 Technology Drive, Angleton, Texas, 77515, has or may have an interest in and to the invention entitled “CARDIAC PACEMAKER WITH BIDIRECTIONAL COMMUNICATION,” invented by Dr. Eckhard Alt (“Dr. Alt”) and Lawrence J. Stotts, for which Application No. 09/055,212 (“Application”) was filed on April 6, 1998, and for which United States Patent No. 6,080,187 (“Patent”) was issued on June 27, 2000; and

WHEREAS, Advanced Medical Devices, S.A. (“AMD” or “Assignee”), having a business address of 16A Blvd., De La Foire BP 524, Luxembourg, L2015, is desirous of acquiring all right, title and interest in and to the invention, and in and to said United States Patent;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor does hereby sell, assign and transfer unto Assignee, its successors, assigns and legal representatives, its full and exclusive right, title and interest in and to said invention and in and to said Patent granted therefor, and in and to all divisions, reissues, substitutions, continuations, continuations-in-part, and extensions of said Application and any applications to which said Patent claims priority; and Assignor hereby authorizes and requests the Commissioner of Patents and Trademarks to record this Assignment.

Assignor also hereby sells and assigns to Assignee, its successors, assigns and legal representatives, its full and exclusive right, title and interest to the invention disclosed in said Application and Patent throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world including all rights of priority, all rights to publish cautionary notices reserving ownership of said invention and all rights to register said

invention in an appropriate registry; and Assignor further agrees to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such right, title and interest in Assignee, its successors, assigns, and legal representatives.

Assignor hereby further agrees that Assignor, at the expense of said Assignee, will testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, make all lawful oaths, and generally do everything possible to vest title in said Assignee and to aid said Assignee, its successors, assigns and legal representatives in obtaining and enforcing proper protection for said invention and said Patent in such countries as Assignee may elect.

By: *Richard R. Clapp*

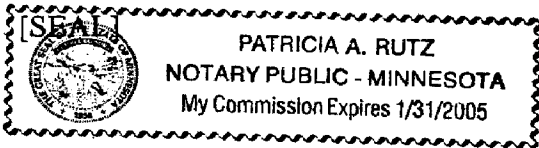
Date: 10 NOV. 2003

Richard R. Clapp

Title: Assistant Secretary for Intermedics, Inc.

STATE OF MN)
)ss
COUNTY OF RAMSEY)

On this 10th day of NOV, 2003 before me personally appeared Richard R. Clapp, to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.



Patricia Rutz
Notary Public