| ASSIGNMENT RECORDA 10-31-2002   | Patenis Only Downlyng  |
|---|--|
| To the Honorable Commissioner 102267442<br>Please record the attached original documents or copy thereor.   | Date:October 24, 2002<br>Attorney Docket No. 5656-27   |
| 1. Name of conveying party(ies):  | 2. Name and address of receiving party(ies):   |
| Richard A. Gray<br>Xiaozhong Chen<br>Isabelle Banville<br>Isabelle Banville   | UAB Research Foundation<br>701 S. 20 <sup>th</sup> Street, Suite 1120G<br>Birmingham, Alabama 35294-0111                           |
| Additional name(s) of conveying party(ies) attached?       Yes No         3. Nature of conveyance:  | Additional name(s) & address(cs) attached?YesNo  |
| <ul> <li>4. Application Serial No. <u>10/160,319</u> Patent No</li> <li>If this document is being filed together with a new application, the is:</li> <li>Additional numbers attached? YesNo</li> </ul> | e execution date of the application  |
| 5. Name and address of party to whom correspondence   | 6. Total number of applications and patents involved: <u>1</u>   |
| concerning document should be mailed:   | 7. Total fee (37 CFR 3.41) <u>\$40.00</u> (fee <b>paid</b> on July 24, 2002  |
| David K. Purks<br><b>Myers Bigel Sibley &amp; Sajovec</b><br>P. O. Box 37428<br>Raleigh NC 27627  | Enclosed with original assignment<br>submittal)<br>X (if additional fees required, authorized to be charged to<br>deposit account) |
|   | 8. Deposit account number: 50-0220   |
| DO NOT USE THIS SPACE   |  |
| 9. Statement and signature<br>To the best of my knowledge and belief, the foregoing information<br>of the original document.  | on is true and correct and any attached copy is a true copy  |
| David K. Purks, #40,133<br>Name of Person Signing Signature<br>Total number of pages including cover sheet, attachments and doct  | 2 <u>October 24, 2002</u><br>Date  |

PATENT REEL: 13428 FRAME: 0351

| ASSIGNMENT RE 08-05-2002   | EET Patents Only  |
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|  |   |
| To the Honorable Comr 102171936  | Date: July 24, 2002<br>Attorney Docket No. 5656-27  |
| Please record the attached original documents or copy the  |   |
| 1. Name of conveying party(ies):   | 2. Name and address of receiving party(ies):  |
| Richard A. Gray<br>Xiaozhong Chen<br>Isabelle Banville 7-30-32   | UAB Research Foundation<br>701 S. 20 <sup>th</sup> Street, Suite 1120G<br>Birmingham, Alabama 35294-0111    |
| Additional name(s) of conveying party(ies) attached? Yes No<br>3. Nature of conveyance:<br><u>X</u> Assignment<br>Merger | FINANCE SECTION   |
| Security Agreement   | NON 31  |
| Change of Name<br>Other  | 47  |
| Execution Date: May 30, 2002   | Additional name(s) & address(es) attached? Yes No   |
| If this document is being filed together with a new appli<br>is:<br>Additional numbers attached? Yes No                  |   |
| 5. Name and address of party to whom correspondence concerning document should be mailed:                                | 6. Total number of applications and patents involved: <u>1</u><br>7. Total fee (37 CFR 3.41) <u>\$40.00</u> |
|  | Enclosed  |
| David K. Purks<br>Myers Bigel Sibley & Sajovec   | X Authorized to be charged to deposit account   |
| P. O. Box 37428<br>Raleigh NC 27627  | 8. Deposit account number: 50-0220  |
| DO NOT USE THIS SPACE  |   |
| 9. Statement and signature<br>To the best of my knowledge and belief, the foregoing<br>of the original document.         | information is true and correct and any attached copy is a true copy  |
| David K. Purks, #40,133<br>Name of Person Signing<br>Total number of pages including cover sheet, attachments            | The July 24, 2002<br>Date Date  |
|  |   |
| B/02/2002 DBYRNE 00000209 500220 PURKS D   |   |
| 1 FC:581 40.00 CH  | PATENT<br>REFL : 13428 FRAME: 0352  |

REEL: 13428 FRAME: 0352

## ASSIGNMENT

THIS ASSIGNMENT, made by us, **Richard A. Gray**, a citizen of the United States of America, residing at 1516 Blind Brook Lane, Vestavia Hills, Alabama 35216; **Xiaozhong Chen**, a citizen of the Peoples Republic of China, residing at 1514 13<sup>th</sup> Avenue South, Apt. 18, Birmingham, Alabama 35205; and **Isabelle Banville**, a citizen of Canada, residing at 89 Winterhaven Drive, Alabaster, Alabama 35007;

WITNESSETH: That,

WHEREAS, we are the joint inventors of certain new and useful improvements in **APPARATUS, METHODS, AND COMPUTER PROGRAM PRODUCTS FOR EVALUATING A RISK OF CARDIAC ARRHYTHMIAS FROM RESTITUTION PROPERTIES** for which an application for United States Letters Patent has been filed, or is being filed concurrently, in the United States Patent and Trademark Office. We hereby authorize and request Myers Bigel Sibley & Sajovec, P.A., to insert here in parentheses (Application No. 10/160,319 \_\_\_\_\_, filed 5/31/02 \_\_\_\_\_) the filing date and application number of said application when known or to file this Assignment concurrently with the application, and

WHEREAS, the **UAB Research Foundation**, an educational institution chartered under the laws of the State of Alabama having a principal operation at 701 S. 20<sup>th</sup> Street, Suite 1120G, Birmingham, County of Jefferson, State of Alabama 35294-0111, hereinafter referred to as assignee, is desirous of acquiring our entire right, title and interest in and to said invention as described in said application, and in and to any and all Letters Patent which shall be granted therefor in the United States of America, and all foreign countries;

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold and by these presents do hereby sell, assign, transfer, and convey unto the said assignee, its successors and assigns, the entire right, title, and interest in and to the said invention and application, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted, together with the right to claim the priority of said application in all foreign countries in accordance with the International

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Convention, the same to be held and enjoyed by said assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made.

We hereby request that said Letters Patent be issued in accordance with this assignment.

We further covenant and agree that, at the time of the execution and delivery of these presents, we possess full title to the invention and application above-mentioned, and that we have the unencumbered right and authority to make this assignment.

We further covenant and agree to bind our heirs, legal representatives, and assigns promptly to communicate to said assignee or its representatives any facts known to us relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the assignee, its representatives, successors, or assigns to secure patent or similar protection for the said invention in all countries and to vest in the assignee complete title to the said invention and Letters Patent, without further compensation, but at the expense of said assignee, its successors, assigns, and other legal representatives.

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this  $30^{\frac{16}{2}}$  day of May, 2002.

(SEAL)

STATE OF ALABAMA

Before me personally appeared **Richard A. Gray**, to me known to be the person described in and who executed the foregoing instrument, and he acknowledged to me that he executed the same for the purposes therein stated, this  $30^{3}$  day of  $40^{3}$ , 2002.

) ) ss: 422 - 70 - 95 75

SEAL

MY COMMISSION EXPIRES SEPT. 16, 2002

My Commission Expires: \_

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Attny Dkt. No.: 5656-27

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IN WITNESS WHEREOF, I have hereunto set my hand and seal on this  $30^{\frac{10}{2}}$  day May\_\_\_, 2002. of

(SEAL) Xiaozhong Chen

STATE OF ALABAMA ) ss: 422-70-9575 COUNTY OF Jugersen

Before me personally appeared Xiaozhong Cheng, to me known to be the person described in and who executed the foregoing instrument, and he/she acknowledged to me that he/she executed the same for the purposes therein stated, this  $30^{2}$  day of

**...**, 2002. Notary Public

SEAL

IV COMMISSION EXPIRES SEPT. 16, 2002 My Commission Expires:

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this  $30^{\frac{\pi}{2}}$  day of 1/ac, 2002.

Balle Ban Tobhelle Ba \_\_\_\_\_(SEAL)

STATE OF ALABAMA

) ) ss: **422-70-9575** COUNTY OF

Before me personally appeared Isabelle Banville, to me known to be the person described in and who executed the foregoing instrument, and she acknowledged to me that she executed the same for the purposes therein stated, this  $30^{3}$  day of

ay\_\_\_\_, 2002.

Linka PM Cullef

**SEAL** 

WY COMMISSION EXPIRES SEPT. 16, 2002

My Commission Expires:

**RECORDED: 07/30/2002**