

PATENT ASSIGNMENT COVER SHEET

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| JUHANI AIRAKSINEN | 11/20/2014 |
| TERO KOIVISTO | 11/10/2014 |
| JOONA MARKU | 11/19/2014 |
| ARI PAASIO | 11/13/2014 |
| MIKKO PANKAALA | 11/13/2014 |
| KATI SAIRANEN | 11/17/2014 |
| TUOMAS VALTONEN | 11/13/2014 |
| PETER VIRTA | 11/13/2014 |
| RECEIVING PARTY DATA | |
| Name: | TURUN YLIOPISTO |
| Street Address: | YLIOPISTONMAKI |
| City: | TURUN YLIOPISTO |
| State/Country: | FINLAND |
| Postal Code: | FI-20014 |
| PROPERTY NUMBERS Total: 1 | |
| Property Type | Number |
| Application Number: | 14396204 |
| CORRESPONDENCE DATA | |
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| ATTORNEY DOCKET NUMBER: | 3502-1408 |
| NAME OF SUBMITTER: | BENOIT CASTEL |
| SIGNATURE: | /BENOIT CASTEL/ |
| DATE SIGNED: | 12/09/2014 |

PATENT

This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 2

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ASSIGNMENT AND INVENTOR'S DECLARATION

WHEREAS I/we, the undersigned inventor(s), hereafter also referred to as "assignor(s)", have invented certain new and useful improvements described in the application identified below; and

WHEREAS, TURUN YLIOPISTO, hereinafter referred to as "assignee(s)", whose address is Yliopistonmäki FI-20014 Turun yliopisto FINLAND, is desirous of acquiring the entire right, title and interest in and to the application and invention, and to any United States patents to be obtained therefor;

NOW, THEREFORE, for valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we, the above-named assignor(s), hereby sell, assign and transfer to the above named assignee(s), its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, including any right to bring or maintain an action for infringement under the provisional rights granted pursuant to Title 35, Section 154 of the United States Code or any other cause of action for acts which would constitute infringement occurring prior to this assignment, and including the right to claim priority under the International Convention of Paris (1883), as amended, of or in any corresponding foreign patent application, and I/we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee(s), its successors and assigns.

As a below named inventor, I hereby declare that:

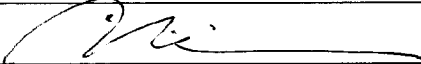
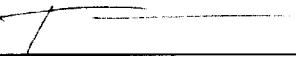
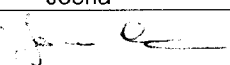

This assignment and declaration is directed to: The attached application, or
 United States Application or PCT International Application Number _____ filed on _____ (Confirmation No. _____).




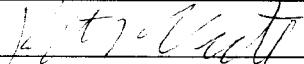
The application is entitled: **Method and apparatus for determining information indicative of cardiac malfunctions and abnormalities**

The above-identified application was made or was authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this assignment with declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

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|-----------------------|---|------------------------|------------|
| Given Name(s) | Juhani | Family Name/Surname(s) | AIRAKSINEN |
| Inventor's Signature: |  | Date | 20/11/2014 |
| Given Name(s) | Tero | Family Name/Surname(s) | KOIVISTO |
| Inventor's Signature: |  | Date | 10/11/2014 |
| Given Name(s) | Joona | Family Name/Surname(s) | MARKU |
| Inventor's Signature: |  | Date | 10/11/2014 |
| Given Name(s) | Ari | Family Name/Surname(s) | PAASIO |
| Inventor's Signature: |  | Date | 13/11/2014 |

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| Given Name(s) | Kati | Family Name/Surname(s) | SAIRANEN |
| Inventor's Signature: |  | Date | 17.11.2014 |
| Given Name(s) | Tuomas | Family Name/Surname(s) | VALTONEN |
| Inventor's Signature: |  | Date | 13.11.2014 |
| Given Name(s) | Peter | Family Name/Surname(s) | VIRTA |
| Inventor's Signature: |  | Date | 13.11.2014 |