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U.S. DEPARTMENT OF COMMERCE  
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To the Honorable Commissioner of Patents

attached original documents or copy thereof.

1. Name of conveying party(ies):

103053063

Name of receiving party(ies)

Joni Kettunen, and Sami Saalasti

Name: Firstbeat Technologies Oy

Additional name(s) of conveying party(ies) attached?  Yes  No

Internal Address: \_\_\_\_\_

3. Nature of conveyance:

Assignment  Merger  
 Security  Change of Name  
 Other \_\_\_\_\_

Street Address: Rautpohjankatu 6  
City: Jyvaskyla State: Finland Zip: FI-40700

Execution Date: 01/05/05 and 01/18/05

Additional name(s) & address(es) attached?  Yes  No

4. Application number(s) or patent number(s) **PROCEDURE FOR DETECTION OF STRESS BY SEGMENTATION AND ANALYZING A HEART BEAT SIGNAL**

If this document is being filed together with a new application, the execution date of this application is: 01/05/05 and 01/18/05

A. Patent Application No.(s)

B. Patent No.(s)

02/09/2005 RWAYDAGA 00000040 103053063

01/21/05

Additional numbers attached:  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Christopher J. Fildes

Internal Address: \_\_\_\_\_

Street Address: Fildes & Outland, P.C.  
20916 Mack Avenue, Suite 2

City: Grosse Pointe Woods State: MI ZIP: 48236

6. Total number of applications and patents involved: 1

7. Total Fee (37 CFR 3.41) ..... \$ 40.00

Enclosed  
 Authorized to be charged to deposit account

8. Deposit account number:

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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.

Christopher J. Fildes  
Name of person signing

Signature

January 27, 2005  
Date

Total number of pages including cover sheet, attachments, and document: 4

Mail documents to be recorded with required cover sheet information to:  
Mail Stop Assignments, Commissioner for Patents, P.O. Box 1450  
Alexandria, VA 22313-1450

PATENT  
REEL: 016818 FRAME: 0205

# ASSIGNMENT

- (1) Joni Kettunen, Haikantie 3, FI-40900 Säynätsalo, Finland  
(2) ~~Sami Saalasti, Meijeriväntie 3 os. 3, FI-40500 Jyväskylä, Finland~~ Ronsuntaipaleentie 806 A, FI-40500 Jyväskylä, Finland

(1-5) Insert Name(s) of Inventor(s).

- (3) \_\_\_\_\_  
(4) \_\_\_\_\_  
(5) \_\_\_\_\_

In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to

(6) Insert name of Assignee(s)

- (6) Firstbeat Technologies Oy

(7) Insert address of Assignee(s)

- (7) Rautpohjankatu 6, FI-40700 Jyväskylä, Finland

(hereinafter designated as the Assignee) the entire right, title and interest for the United States, its territories, dependencies and possessions, in the invention, and all applications for patent and any Letters Patent which may be granted therefor, known as

(8) Insert Identification

- (8) Procedure for Detection of Stress by Segmentation and Analysing a Heart Beat Signal

of Invention, such as Title, Case Number or Foreign Application No.

Foreign Application or Case No.

\_\_\_\_\_ for which the undersigned has (have) executed an application for patent in the United States of America

(9) Insert Date of Signing of Application

- (9) on \_\_\_\_\_

(10) Alternative identification for filed applications

- (10) U.S. applicants Serial Number \_\_\_\_\_, filed \_\_\_\_\_

1) The undersigned agree(s) to execute all papers necessary in connection with the application and any continuing or divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient or essential to its full protection and title in and to the invention hereby transferred.

2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division or re-issue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

3) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

4) The undersigned agree(s) to communicate to the Assignee or representative thereof any facts known to me (us) respecting the invention and improvements thereof, and will, upon request, but without expense to me (us), testify in any legal proceedings regarding the invention.

5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed and will not execute, any agreement in conflict herewith.

6) The undersigned hereby grant(s) the firm of Fildes & Outland, P.C. the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document.

7) This Assignment shall be binding upon my (our) heirs, executors, administrators, and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors and /or assigns of the Assignee.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

- (1) Date 5.1.2005 Name of Inventor [Signature]  
(2) Date 18.1.2005 Name of Inventor [Signature]  
(3) Date \_\_\_\_\_ Name of Inventor \_\_\_\_\_  
(4) Date \_\_\_\_\_ Name of Inventor \_\_\_\_\_  
(5) Date \_\_\_\_\_ Name of Inventor \_\_\_\_\_