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International application number: PCT/US2014/070170

International filing date: 12 December 2014 (12.12.2014)

Document type: Certified copy of priority document

Document details: Country/Office: US

Number: 62/014,516

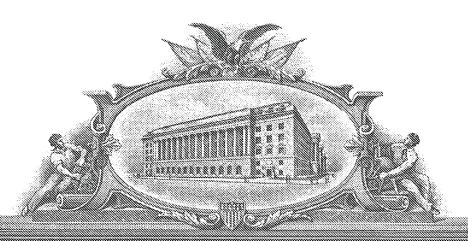
Filing date: 19 June 2014 (19.06.2014)

Date of receipt at the International Bureau: 05 January 2015 (05.01.2015)

Remark: Priority document submitted or transmitted to the International Bureau in compliance with Rule

17.1(a),(b) or (b-bis)





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**APPLICATION NUMBER: 62/014,516** 

FILING DATE: June 19, 2014

RELATED PCT APPLICATION NUMBER: PCT/US14/70170

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#### ABSTRACT OF THE DISCLOSURE

[0038] Systems and methods of monitoring the heart health of a user are provided. A sensor may continuously monitor the heart rate of the user. The measured heart rate information may be used to determine other parameters such as heart rate variability, heart rate turbulence, and the number or frequency of premature heart beats. The measured heart rate information may also be used to identify and detect arrhythmias. These parameters may be combined to generate a heart health score. Machine learning methods may also be provided to analyze the measured heart rate information to determine heart health and identify atrial fibrillation and/or other heart conditions.

6456170\_1.DOC -16- WSGR Docket No. 41188-725.101



EFS ID: 19357716  Application Number: 62014516  International Application Number: 1502  Title of Invention: Systems and Methods for Determining Heart Health by Continum Monitoring  First Named Inventor/Applicant Name: Ravi GOPALAKRISHNAN  Customer Number: 21971  Filer: Darby Jing-Da Chan/Terry Salvacion/DJC  Filer Authorized By: Darby Jing-Da Chan  Attorney Docket Number: 41188-725.101	Electronic Acknowledgement Receipt					
International Application Number:  Confirmation Number:  1502  Title of Invention:  Systems and Methods for Determining Heart Health by Contine Monitoring  First Named Inventor/Applicant Name:  Ravi GOPALAKRISHNAN  Customer Number:  21971  Filer:  Darby Jing-Da Chan/Terry Salvacion/DJC  Filer Authorized By:  Darby Jing-Da Chan						
Title of Invention:  Systems and Methods for Determining Heart Health by Continued Monitoring  First Named Inventor/Applicant Name:  Ravi GOPALAKRISHNAN  Customer Number:  21971  Filer:  Darby Jing-Da Chan/Terry Salvacion/DJC  Filer Authorized By:  Darby Jing-Da Chan						
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Filer Authorized By: Darby Jing-Da Chan						
Attorney Docket Number: 41188-725.101						
Receipt Date: 19-JUN-2014						
Filing Date:						
Time Stamp: 17:34:47						
Application Type: Provisional						

#### Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	\$130
RAM confirmation Number	4303
Deposit Account	232415
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