

PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT5681130

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ALAN J. BANK	02/21/2019
RYAN M. GAGE	02/27/2019
KEVIN V. BURNS	02/21/2019
RECEIVING PARTY DATA	
Name:	ALLINA HEALTH SYSTEM
Street Address:	2925 CHICAGO AVENUE
City:	MINNEAPOLIS
State/Country:	MINNESOTA
Postal Code:	55407
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16229160
CORRESPONDENCE DATA	
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<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
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ATTORNEY DOCKET NUMBER:	0110.000607US01
NAME OF SUBMITTER:	MATTHEW C. GOEDEN
SIGNATURE:	/Matthew C. Goeden/
DATE SIGNED:	08/22/2019
Total Attachments: 4	
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ASSIGNMENT

Whereas We, Alan J. Bank, Ryan M. Gage, and Kevin V. Burns, with residences and citizenships as indicated below; have made an invention in

QRS ONSET AND OFFSET TIMES AND CYCLE SELECTION USING ANTERIOR AND POSTERIOR ELECTRODE SIGNALS

Filed: December 21, 2018

U.S. Patent Application No.: 16/229,160

and executed an application for Letters Patent of the United States of America based thereon and that claims priority to and/or the benefit of the following application(s):

ANTERIOR AND POSTERIOR ELECTRODE SIGNALS

Filed: December 22, 2017

Provisional Application No.: 62/609,924

Now, therefore, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, we have individually and jointly agreed to assign and transfer and do hereby assign and transfer unto ALLINA HEALTH SYSTEM ("Assignee"), a non-profit corporation of Minnesota, having its principal office at The Commons at Midtown Exchange, 2925 Chicago Avenue, Minneapolis, MN 55407, its successors and assigns, our entire right, title, and interest in and to said invention and application, and in and to any division or continuation (in whole or in part) of said application, and in and to any and all improvements in said invention made by us or any of us or made jointly with others (provided any such improvement is made during, or within one year after the termination of, the employment by the Assignee of whichever of us, solely or jointly with one or more others, has made the same), and in and to any and all Letters Patent, reexaminations, reissues, or extensions thereof, of the United States of America and countries foreign thereto (including the right to apply for Letters Patent, Utility Models, or Inventors' Certificates in foreign countries in its own name and to claim any priority rights for such foreign applications to which such applications are entitled under international conventions, treaties, or otherwise), which have been or may be granted thereon or on any divisional, continuation (in whole or in part), renewal, reexamination, reissue, or other or further application based in whole or in part upon said invention or improvements thereon, to be held and enjoyed as fully and exclusively as they would have been by us or any of us had this assignment and transfer not been made;

We do further agree for ourselves and for our heirs, executors, and administrators, to execute and deliver without further consideration any further applications, assignments, and documents, and to perform such other acts as we lawfully may, that may be deemed necessary by the Assignee, its successors, assigns, and nominees, fully to secure its right, title, and interest as aforesaid and to obtain or maintain Letters Patent, Utility Models, or Inventors' Certificates in any and all countries;

Application No. 16/229,160

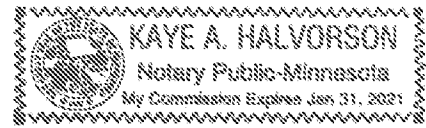
Filing Date: December 21, 2018

For: RS ONSET AND OFFSET TIMES AND CYCLE SELECTION USING ANTERIOR AND POSTERIOR ELECTRODE SIGNALS

Kevin V. Burns
Name: Kevin V. Burns
Residence: 2832 Coakley St NE
St. Anthony, MN 55118
Citizenship: US

2/21/2019
Date

STATE OF Minnesota)
COUNTY OF Ramsey) ss.



On this 21 day of February 2019, before me personally appeared Kevin V. Burns, to me known to be the person described in and who executed the foregoing instrument, and he/she executed the same for the uses and purposes therein set forth.

Kaye A. Halvorson
Notary Public