502781212 04/24/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2827808

	SUBMISSION TYPE: NEW AS					
NATURE OF CONVEYAN	ICE:	ASSIGNMENT				
CONVEYING PARTY DA	ATA					
		Name	Execution Date			
FABIENNE POREE			06/01/2010			
GUY CARRAULT			06/01/2010			
AMAR KACHENOURA			06/01/2010			
ALFREDO HERNANDEZ	-		06/01/2010			
RECEIVING PARTY DA	ТА					
Name:	SORIN	CRM S.A.S.				
Street Address:	4, AVENUE REAUMUR					
Internal Address:	PARC D'AFFAIRES NOVEOS					
City:	CLAMART CEDEX					
State/Country:	FRANCE					
Postal Code:	92140					
PROPERTY NUMBERS			-			
Property Type		Number				
Property Type Application Number:	1	Number 4015770				
Application Number:						
Application Number: CORRESPONDENCE D Fax Number: Correspondence will be	ATA	4015770	successful, it will be sent via			
Application Number: CORRESPONDENCE D Fax Number:	ATA (e sent to	4015770 414)297-4900	successful, it will be sent via			
Application Number: CORRESPONDENCE D. Fax Number: Correspondence will be US Mail.	ATA (e sent to 4 it	4015770 414)297-4900 <i>the e-mail address first; if that is un</i> 142712400 pdocketing@foley.com, jfons@foley.co				
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Application Number: CORRESPONDENCE D. Fax Number: <i>Correspondence will be</i> <i>US Mail.</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 2: Address Line 4: ATTORNEY DOCKET NUN NAME OF SUBMITTER: SIGNATURE:	ATA (e sent to 4 ii H 3 3 5 V	4015770 414)297-4900 the e-mail address first; if that is uns 142712400 bdocketing@foley.com, jfons@foley.co XARL F. REICHENBERGER 000 K STREET N.W. GUITE 600 VASHINGTON, DISTRICT OF COLUM 104292-0332 KARL F. REICHENBERGER / Karl F. REICHENBERGER / Karl F. Reichenberger / 04/24/2014	m			

502781212

PATENT REEL: 032748 FRAME: 0196

ASSIGNMENT

WHEREAS:

1st Inventor: PORÉE, Fabienne 2nd Inventor: CARRAULT, Guy 3rd Inventor: KACHENOURA, Amar 4th Inventor: HERNANDEZ, Alfredo

ix has made an invention titled:

Reconstruction Of A Surface Electrocardiogram From An Endocardial Electrogram Using Non-Linear Filtering

- is about to make application for United States Letters Patent therefor, the same being executed by us on even date or dates herewith;
- for United States Letters Patent thereof, filed <u>April 6, 2010</u> under Application Number <u>12/755,290</u>.

WHEREAS, SORIN CRM S.A.S., a corporation organized and existing under the laws of FRANCE and having an office and place of business at:

Parc d'affairs NOVEOS, 4, avenue Reaumur, 92 140 CLAMART Cedex, FRANCE

(hereinafter the "Assignee") is desirous of acquiring the entire interest in said invention for the United States of America, in said United States patent application, and in any United States Letters Patent which may issue thereon; and

NOW, THEREFORE, be it known that for and in consideration of the sum of One Dollar (\$1.00) paid to inventors named above, and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we, the inventors, do hereby sell, assign and transfer unto the Assignee, its successors, assigns and legal representatives, all right, title and interest in and to said invention and any improvements thereon for the United States, and in and to said United States patent application, including any continuations and divisions thereof, and any substitute applications therefor, and any United States Letters Patent which may issue thereon, and any reexamination and reissue of the same; and we hereby authorize and request competent authorities to grant and issue any and all United States Letters Patent on said invention to the Assignee as the assignee of the entire interest therein; and we further agree upon request of the Assignee to give sworn statements and to execute such additional documents, if any, as may be

OHS East:160720656.1

PATENT REEL: 032748 FRAME: 0197 necessary and proper to secure a patent protection and enforce patents in and for the United States, and otherwise to give full effect to and perfect the rights of the assignee under this Assignment.

IN TESTIMONY WHEREOF, we have hereunto individually signed our name, and indicated date of signature, hereinafter:

1st Inventor: POR	ÉE, Fabienne				
Post Office Address:	28 avenue Sergent Maginot				
City: Rennes	Foreign Country: France	Zip Ce	sde:	35000	
Citizenship: France	and the second				
<u>E. Porée</u> (P	(signature)	June	1 - Lola	(date)
			0	,	
2nd Inventor: CARI	lault, Guy	w'			
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City : Cesson-Sévigr	né Foreign Country: Fr	ance Zip Co	ode:	35510	
Citizenship: France	- ill				
G. CARRAULT	autoull	(signature)	Jun	<u>e 1, 2010</u>	(date)
	C				
3rd Inventor: Kači	HENOURA, Amar				
Post Office Address:	38 Boulevard Jeanne d'Arc				
City: Rennes	Foreign Country: France	Zip Co	ode: 350	00	
Citizenship: Algeria	٠. ۲				
<u>A KACHENIOL</u>	IRM Kach	(signature)	يعتعنك	OA, LOAD	(date)
4th Inventor: HERN	andez, Alfredo				
Address: 6 sq de la G	rande Charbonniére				
City: Rennes	Foreign Country: France	Zip Co	ode: 357	00	

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Venezuela

(date) (signature) me 81, 2010

OHS East: 160720656.1

Citizenship:

PATENT REEL: 032748 FRAME: 0198

RECORDED: 04/24/2014