505784102 11/20/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5830930

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RAVISONI	11/14/2019
MIN ZHANG	11/14/2019
GOPAL B. AVINASH	11/14/2019
VENKATA RATNAM SARIPALLI	11/14/2019
JIAHUI GUAN	11/14/2019
DIBYAJYOTI PATI	11/14/2019
ZILI MA	11/14/2019

RECEIVING PARTY DATA

Name:	GE PRECISION HEALTHCARE LLC
Street Address:	9900 W. INNOVATION DRIVE
City:	WAUWATOSA
State/Country:	WISCONSIN
Postal Code:	53226

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16689798

CORRESPONDENCE DATA

Fax Number:

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.

Phone: 312581020

Email: fmartinez@hfzlaw.com,cgeorge@hfzlaw.com

Correspondent Name: HANLEY FLIGHT & ZIMMERMAN LLC Address Line 1: 150 S. WACKER DR. SUITE 2200

Address Line 4: CHICAGO, ILLINOIS 60606

ATTORNEY DOCKET NUMBER:	20176/502912-US-1
NAME OF SUBMITTER:	CHRISTOPHER N. GEORGE
SIGNATURE:	/Christopher N. George/
DATE SIGNED:	11/20/2019

PATENT REEL: 051068 FRAME: 0371

Total Attachments: 9

source=502912-US-1_GE_Precision_Healthcare_LLC_Combined_Declaration_and_Assignment_Form#page1.tif source=502912-US-1_GE_Precision_Healthcare_LLC_Combined_Declaration_and_Assignment_Form#page2.tif source=502912-US-1_GE_Precision_Healthcare_LLC_Combined_Declaration_and_Assignment_Form#page3.tif source=502912-US-1_GE_Precision_Healthcare_LLC_Combined_Declaration_and_Assignment_Form#page4.tif source=502912-US-1_GE_Precision_Healthcare_LLC_Combined_Declaration_and_Assignment_Form#page5.tif source=502912-US-1_GE_Precision_Healthcare_LLC_Combined_Declaration_and_Assignment_Form#page6.tif source=502912-US-1_GE_Precision_Healthcare_LLC_Combined_Declaration_and_Assignment_Form#page7.tif source=502912-US-1_GE_Precision_Healthcare_LLC_Combined_Declaration_and_Assignment_Form#page8.tif source=502912-US-1_GE_Precision_Healthcare_LLC_Combined_Declaration_and_Assignment_Form#page8.tif source=502912-US-1_GE_Precision_Healthcare_LLC_Combined_Declaration_and_Assignment_Form#page8.tif source=502912-US-1_GE_Precision_Healthcare_LLC_Combined_Declaration_and_Assignment_Form#page8.tif

PATENT REEL: 051068 FRAME: 0372

COMBINED DECLARATION AND GLOBAL ASSIGNMENT FOR UTILITY OR DESIGN PATENT APPLICATION

As below named inventors, we hereby declare that:

This declaration and assignment are directed to:

Medical Machine Synthetic Data and Corresponding Event Generation

\boxtimes	the specification of which is attached hereto OR	
	United States application or PCT international application number	
	filed on,	as
	amended on [date] (if applicable).	

(We hereby authorize and request the Company or its designated attorneys or agents to insert above the application number and filing date of the application when known.)

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

We believe that we are original joint inventors of a claimed invention in the application.

We hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or imprisonment of not more than five (5) years, or both.

We have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment referred to above.

We acknowledge the duty to disclose information which is material to the patentability of this application as defined in 37 C.F.R. § 1.56, including, for continuation-in-part applications, material information which became available between the filing date of the prior application and the filing date of the continuation-in-part application.

In accordance with our obligation(s) under an Employee Innovation and Proprietary Information Agreement or, as applicable, arising out of other agreements (such as, but not limited to, a services agreement between GE Precision Healthcare LLC, a Delaware corporation, and our employer), and/or for other good and valuable consideration of which we acknowledge receipt, we,

Inventor First Name	Inventor Middle Name	Inventor Last Name	Residence City	Residence State	Residence Country
Ravi		Soni	San Ramon	CA	US
Min		Zhang	San Ramon	CA	US
Gopal	B.	Avinash	San Ramon	CA	US
Venkata	Ratnam	Saripalli	San Ramon	CA	US

PATENT REEL: 051068 FRAME: 0373

Jiahui	Guan	San Ramon	CA	US
Dibyajyoti	Pati	San Ramon	CA	US
Zili	Ма	San Ramon	CA	US

hereby sell and assign to:

Name of Company: GE Precision Healthcare LLC		
Entity Type (optional): Delaware corporation		
Address: 9900 W. Innovation Drive, Wauwatosa, WI 53226		

herein referred to as "Company", its successors and assigns our entire rights, titles and interests in and to the invention and improvements made or conceived by us described in the application(s) listed above and in the following table:

Country of Filing	Type of Filing	Application No.	Filing Date	Title
US	provisional	62/838,022	04/24/2019	MEDICAL MACHINE TIME-SERIES EVENT DATA PROCESSOR

(We hereby authorize and request the Company or its delegated attorneys or agents to insert above the application number and filing date of the application(s) when known.)

and any and all applications for patent and patents therefrom in any and all countries, including all divisions, continuations, continuations-in-part, reexaminations, renewals, and reissues thereof, and all rights of priority resulting from the filing of the application(s), and authorize and request any official whose duty it is to issue patents, to issue any patent on the inventions and improvements resulting therefrom to the Company, or its successors or assigns, and agree that on request and without further consideration, we will communicate to the Company or its representatives or nominees any facts known to us respecting the inventions and improvements and testify in any legal proceeding, make all rightful oaths, sign all lawful papers and execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent, utility model, or other similar rights in all countries including, but not limited to, any provisional, non-provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, for any derivation proceedings relating thereto, and, as to any patents that issue from such applications, for any supplemental examination, derivation proceeding, opposition, post grant review, reissue, re-examination, inter parties review, or extension thereof, and generally do everything possible to aid the Company, its successors, assigns, and nominees to obtain and enforce proper patent protection for the invention and its improvements in all countries.

Remuneration claims of the inventors/assignors potentially arising from German Law on employee inventions, or any other respective country law, remain unaffected by this assignment.

INVENTOR 1	
Signature: Ravi Soni	Date: 11 14 2019
Witnessed by: <u>HawX</u> Signature	
HANS KRUPAKAR Printed Name of Witness	
Witnessed by: A MAA Signature	Date: 11/14/2019
Printed Name of Witness	
SECTION BELOW IS FOR USE ONLY IF S	IGNING IN PRESENCE OF A NOTARY
Signature:Ravi Soni	Date:
STATE OF ss.	
COUNTY OF	
	before me personally came the above-named lividual who executed the foregoing assignment, who the same of his/her own free will for the purpose.
Seal	(Notary Public)

Attorney Docket No. 502912-US-1	
INVENTOR 2	
Signature: Min Zhang	Date: 11/14/2019
Witnessed by: Signature	Date: 15/2019
DAISY WANY Printed Name of Witness	
Witnessed by: <u>Uel Liw</u> Signature	Date: 11/15/2019
Wei Liu Printed Name of Witness	· · · · · · · · · · · · · · · · · · ·
SECTION BELOW IS FOR USE ONLY IF	SIGNING IN PRESENCE OF A NOTARY
Signature: Min Zhang	Date:
STATE OF	
COUNTY OF	
named Min Zhang, to me personally know	before me personally came the above- wn as the individual who executed the foregoing he/she executed the same of his/her own free will
Seal	(Notary Public)

INVENTOR 3		
Signature: MAN LALGOLL Gopal B. Avinásh	Date: 11 14 2019	
Witnessed by: <u>\(\square\)</u> Signature	Date: <u>11 14 2019</u>	
Ninels Sont Printed Name of Witness		
Witnessed by:Signature	Date: 11/14/2019	
HANS KRUPAKAR		
SECTION BELOW IS FOR USE ONLY IF SIG	NING IN PRESENCE OF A NOTARY	
Signature:Gopal B. Avinash	Date:	
Gopai D. Avinasn		
STATE OF ss.		
COUNTY OF		
This day of, before me personally came the above-named Gopal B. Avinash , to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.		
Seal		
	(Notary Public)	

INVENTOR 4		
Signature:	Venkata Ratnam Saripalii	Date: 11 14 19
Witnessed by:	Nadrol Good Signature	Date:
M; chool βα Printed Name of	f Witness	
Witnessed by:	<u>√Ç∞√√`</u> Signature	Date: <u>11//4/19</u>
Vinek Printed Name o	<u>్రం</u> ాం.' of Witness	
SECTION B	ELOW IS FOR USE ONLY IF SIG	GNING IN PRESENCE OF A NOTARY
Signature:	Venkata Ratnam Saripalli	Date:
STATE OF	me.	
COUNTY OF	\$\$.	
assignment, w	lay of am Saripalli , to me personally kr ho acknowledged to me that he/ herein set forth.	before me personally came the above-name nown as the individual who executed the foregoin she executed the same of his/her own free will f
Seal		
***************************************		(Notary Public)

NVENTOR 5 Signature: Jiahul Guan	Date: 11/14/2019	
Witnessed by: Signature HANS KRUPAKAR Printed Name of Witness		
Witnessed by: Signature Vivel Somi Printed Name of Witness		
SECTION BELOW IS FOR USE ONLY IF Signature: Jiahui Guan	SIGNING IN PRESENCE OF A NOTARY Date:	
STATE OF ss.		
This day of, before me personally came the above-named Jiahui Guan , to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.		
Seal		
GED	(Notary Public)	

INVENTOR 6		
Signature: Dibyajyon Pati	Date: 14th Nov 19	
Witnessed by: 12-19-19-19-19-19-19-19-19-19-19-19-19-19-	Date: <u>14 N⇒v. 19</u>	
Witnessed by: MUR PSO Signature Michael Potter	Date: Nov 14, 2019	
Printed Name of Witness		
SECTION BELOW IS FOR USE ONLY IF SIGNING Signature: Dibyajyoti Pati	Date:	
STATE OF ss.		
This day of, before me personally came the above-named Dibyajyoti Pati , to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.		
Seal		
(Notary Public)		

INVENTOR 7		
Signature: Silva Zilii Ma	Date: <u>/\bv.14 \ 2+ 9</u>	
Witnessed by:	Date: 11 / 14/2019	
HANS KRUPAKAR Printed Name of Witness		
Witnessed by: My Signature	Date: 11/14/2019	
Hsi-Ming Chang Printed Name of Witness		
SECTION BELOW IS FOR USE ONLY IF SIGNING	IN PRESENCE OF A NOTARY	
Signature: Zili Ma	Date:	
STATE OF		
county of		
This day of, before me personally came the above-named Zili Ma, to me personally known as the individual who executed the foregoing assignment, who acknowledged to me that he/she executed the same of his/her own free will for the purposes therein set forth.		
Seal Seal		
	(Notary Public)	