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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6663612

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JAMES ALBERT TALLMAN	05/07/2020
ERIC JAMES TUCKER	04/27/2020
VINCENT MICHAEL RUSSO	05/13/2020
ANDREW LOUIS GALLO JR.	04/27/2020
RICHARD BROWNELL ARTHUR	04/27/2020
JEFFREY MICHAEL IANNOTTI	05/04/2020
PETER MATTHEW SCHMID	05/13/2020
ADAM FRANKLIN STEVENSON	05/15/2020
DAVID CHARLES HARRY WARD	05/13/2020
DOUGLAS EVAN KING	05/15/2020

RECEIVING PARTY DATA

Name:	GENERAL ELECTRIC COMPANY
Street Address:	1 RIVER ROAD
City:	SCHENECTADY
State/Country:	NEW YORK
Postal Code:	12345

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16877851

CORRESPONDENCE DATA

Fax Number: (314)612-2307

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.

314-621-5070 Phone:

Email: ireany@atllp.com, uspatents@armstrongteasdale.com

ARMSTRONG TEASDALE LLP Correspondent Name: 7700 FORSYTH BOULEVARD Address Line 1:

Address Line 2: **SUITE 1800**

Address Line 4: ST. LOUIS, MISSOURI 63105

ATTORNEY DOCKET NUMBER: 506679-US-1

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REEL: 055959 FRAME: 0895 506616805

NAME OF SUBMITTER:	ADAM R. WULLER
SIGNATURE:	/Adam R. Wuller/
DATE SIGNED:	04/19/2021

Total Attachments: 13

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COMBINED DECLARATION AND GLOBAL ASSIGNMENT

FOR UTILITY OR DESIGN PATENT APPLICATION

As the below named inventor(s), I/we hereby declare that:

This declaration and assignment are directed to:

SYSTEMS AND METHODS FOR CREATING SURROGATE MODELS

\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 delegated 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 USC § 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 CFR § 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, the Services Agreement between General Electric Company, a New York corporation, and our employers), and/or for other good and valuable consideration of which we acknowledge receipt, I/we,

Inventor First Name	Inventor Middle Name	Inventor Last Name		Residence Town	Residence State	Residence Country
James	Albert	Tallman	of	Glenville	NY	US
Eric	James	Tucker	of	West Glenville	NY	US
Vincent	Michael	Russo	of	Loudonville	NY	US
Andrew	Louis	Gallo, Jr.	of	Duanesburg	NY	US
Richard	Brownell	Arthur	of	Ballston Spa	NY	US
Jeffrey	Michael	lannotti	of	Ballston Lake	NY	US
Peter	Matthew	Schmid	of	Howes Cave	NY	US

v.9.18.12

PATENT REEL: 055959 FRAME: 0897

Adam	Franklin	Stevenson	of	Clifton Park	NY	US
David	Charles Harry	Ward	of	Delmar	NY	US
Douglas	Evan	King	of	Colonie	NY	US

v.9.18.12 2

hereby sell and assign to:

Name of Company: General Electric Company
Entity Type (optional): New York corporation
Address: 1 River Road, Schenectady, New York 12345 USA

herein referred to as "Company", its successors and assigns our entire respective 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 Number	Filing Date	Title

(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 partes 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 inventor(s)/assignor(s) potentially arising from German Law on Employee Inventions, or any other respective country law, remain unaffected by this assignment.

v.9.18.12

GE Docket No.: 506679-US-1 **INVENTOR 1** May 7, 2020 Signature: James Albert ∕Tallman Witnessed by: _____ Signature Printed Name of Witness Witnessed by: _____ Date: _____ Printed Name of Witness SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY Date: _____ James Albert Tallman STATE OF SS. **COUNTY OF**

This _____ day of _____, ____ before me personally came the above-named James Albert Tallman, 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

v.9.18.12 4

PATENT REEL: 055959 FRAME: 0900

GE Docket No.: 506679-US-1 **INVENTOR 2** Eric Tucker Date: 2020.04.27 10:55:39 Signature: Date: **Eric James Tucker** Witnessed by: _____ Date: Signature Printed Name of Witness Witnessed by: _____ Date: _____ Signature Printed Name of Witness SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY Date: **Eric James Tucker** STATE OF SS.

COUNTY OF

Seal

the purposes therein set forth.

v.9.18.12 5

This _____ day of _____, ____ before me personally came the above-named **Eric James Tucker**, 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

GE Docket No.: 506679-US-1 **INVENTOR 3** Vincent Michael Russo Witnessed by: _____ Date: Signature Printed Name of Witness Witnessed by: _____ Date: _____ Printed Name of Witness SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY Date: _____ Vincent Michael Russo STATE OF SS. **COUNTY OF** This _____ day of _____, ____ before me personally came the above-named Vincent Michael Russo, to me personally known as the individual who executed the foregoing

Seal _____ (Notary Public)

assignment, who acknowledged to me that he/she executed the same of his/her own free will for

the purposes therein set forth.

INVENTOR 4 Date: _ Andrew Louis Gallo, Jr. Witnessed by: ___ Date: Printed Name of Witness Witnessed by: __ Date: Signature Printed Name of Witness SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY Date: Andrew Louis Gallo, Jr. STATE OF SS. **COUNTY OF** This _____ day of _____, ___ before me personally came the above-named Andrew Louis Gallo, Jr. , 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

GE Docket No.: 506679-US-1

INVENTOR 5 Richard Brownell Arthur Witnessed by: Date: _ Signature Printed Name of Witness SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY Date: **Richard Brownell Arthur** STATE OF SS. **COUNTY OF** This _____ day of _____, ___ before me personally came the above-named Richard Brownell Arthur, 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)

GE Docket No.: 506679-US-1

v.9.18.12

Date: 5/4/2020 Jeffrey Michael lannotti Witnessed by:		
Witnessed by:	NVENTOR 6	
Printed Name of Witness Date:	Signature: No. M. M. L. C. S. J. S. S. Signature: No. 1 S.	Date: 5/4/2020
Signature Printed Name of Witness SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY Date: Date: STATE OF SS. COUNTY OF This day of, before me personally came the above-name deffrey Michael lannotti, to me personally known as the individual who executed the foregoin assignment, who acknowledged to me that he/she executed the same of his/her own free will fee purposes therein set forth.	Nitnessed by:Signature	Date:
Printed Name of Witness SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY Date: Jeffrey Michael lannotti STATE OF SS. COUNTY OF This day of, before me personally came the above-name leffrey Michael lannotti , to me personally known as the individual who executed the foregoin assignment, who acknowledged to me that he/she executed the same of his/her own free will fine purposes therein set forth.	Printed Name of Witness	
Date: Date:	Vitnessed by:Signature	Date:
STATE OF ss. COUNTY OF This day of, before me personally came the above-name leffrey Michael lannotti, to me personally known as the individual who executed the foregoin assignment, who acknowledged to me that he/she executed the same of his/her own free will fee purposes therein set forth.		GNING IN PRESENCE OF A NOTARY
STATE OF ss. COUNTY OF This day of, before me personally came the above-name leffrey Michael lannotti, to me personally known as the individual who executed the foregoin assignment, who acknowledged to me that he/she executed the same of his/her own free will fee purposes therein set forth.		Date:
SS. COUNTY OF This day of, before me personally came the above-name leftrey Michael lannotti, to me personally known as the individual who executed the foregoin assignment, who acknowledged to me that he/she executed the same of his/her own free will fee purposes therein set forth.	leffrey Michael lannotti	
leffrey Michael lannotti , to me personally known as the individual who executed the foregoir assignment, who acknowledged to me that he/she executed the same of his/her own free will f he purposes therein set forth.	SS.	
Seal	leffrey Michael lannotti , to me personally k sssignment, who acknowledged to me that he	nown as the individual who executed the foregoing
	Seal	
(Notary Public)		(Notary Public)
(Notary Public)		(Notary Public)

GE Docket No.: 506679-US-1	
INVENTOR 7	
Signature: Peter Matthew Schmid	Date: 5/13/2020
Witnessed by: Witnessed by: Signature	Date: <u>5/13/2020</u>
Printed Name of Witness	
Witnessed by: Signature	Date: 5/13/2020
Printed Name of Witness	
SECTION BELOW IS FOR USE ONLY IF SIGNING	S IN PRESENCE OF A NOTARY
Date:	
STATE OF	
STATE OF SS.	
This day of, be Peter Matthew Schmid , to me personally known as assignment, who acknowledged to me that he/she exthe purposes therein set forth.	fore me personally came the above-named is the individual who executed the foregoing recuted the same of his/her own free will for
Seal	
	(Notary Public)

INVENTOR 8 Adam Franklin Stevenson Witnessed by: ____ Date: Printed Name of Witness Witnessed by: ____ Signature Printed Name of Witness SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY Date: Adam Franklin Stevenson STATE OF SS. **COUNTY OF** This _____ day of _____, ___ before me personally came the above-named Adam Franklin Stevenson , 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

GE Docket No.: 506679-US-1

v.9.18.12

INVENTOR 9 Date: 5/13/2020 Signature: **David Charles Harry Ward** Witnessed by: ____ Printed Name of Witness Witnessed by: _____ Signature Printed Name of Witness SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY Date: **David Charles Harry Ward** STATE OF SS. **COUNTY OF** This _____ day of _____, ____ before me personally came the above-named David Charles Harry Ward, 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

GE Docket No.: 506679-US-1

v.9.18.12

GE Docket No.: 506679-US-1 **INVENTOR 10** orghe Evan King Date: 5/15/2020 **Douglas Evan King** Witnessed by: ____ Date: Printed Name of Witness Witnessed by: ____ Signature Printed Name of Witness SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY Date: **Douglas Evan King** STATE OF SS. **COUNTY OF** This _____ day of _____, ___ before me personally came the above-named **Douglas Evan King** , 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.

(Notary Public)

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RECORDED: 04/19/2021

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