506307704 10/16/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
STEVE ROBERT GRAVALLESE	10/24/2016
JASON NAYLOR	11/03/2016
EDWIN BRIAN TAYLOR	11/13/2016
SVEN FRIE	10/28/2016
PATRICK MCMAHON	03/22/2017

RECEIVING PARTY DATA

Name:	GE HEALTHCARE BIO-SCIENCES CORP.
Street Address:	100 RESULTS WAY
City:	MARLBOROUGH
State/Country:	MASSACHUSETTS
Postal Code:	01752

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17072822

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: 413-736-5401 docket@gtv-ip.com

Correspondent Name: GE HEALTHCARE - GROGAN, TUCCILLO & VANDE

Address Line 1: 1350 MAIN STREET, 5TH FLOOR

Address Line 4: SPRINGFIELD, MASSACHUSETTS 01103

ATTORNEY DOCKET NUMBER:	315009-US-7
NAME OF SUBMITTER:	KEVIN H. VANDERLEEDEN
SIGNATURE:	/Kevin H. Vanderleeden/
DATE SIGNED:	10/16/2020
	This document serves as an Oath/Declaration (37 CFR 1.63).
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Total Attachments: 7

PATENT REEL: 054081 FRAME: 0278

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COMBINED DECLARATION AND GLOBAL ASSIGNMENT FOR UTILITY OR DESIGN PATENT APPLICATION

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

This declaration and assignment are directed to:

MAN	IUFACTURING SYSTEM FOR BIOPHARMACEUTICAL PRODUCTS
	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 or any of its affiliates, 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
Steve	Robert	GRAVALLESE	of	Mariborough	MA	USA
Jason		NAYLOR	of	Pasching		Austria
Edwin	Brian	TAYLOR	of	San Jose	CA	USA
Sven		FRIE	of	Seoul		Korea
Patrick		McMAHON	of	Marlborough	MA	USA

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hereby sell and assign to:

Name of Company: GE Healthcare	Bio-Science	es Corp	
Entity Type (optional):		8	
Address: 100 Results Way, Malbo	rough MA I	JSA	

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
USA	Ordinary	15/249982	29AUG2016	MANUFACTURING
				SYSTEM FOR
				BIOPHARMACEUTICAL
				PRODUCTS

(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, confinuation, 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.

INVENTOR 1
Signature: ARAZ Date: 10/24/16 Witnessed by: Assaluse Date: 10/34/16 Signature
Chery/A. Gravallese Printed Name of Witness
Witnessed by: James Molecules Date: 10/04/16 Signature Dames MoVEVTULLO
Printed Name of Witness
SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY
Date:
Inventor Name GRAVALLESE, Steve, Robert
STATE OF COUNTY OF
This day of before me personally came the above-named <u>GRAVALLESE</u> , <u>Steve</u> , <u>Robert</u> 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)
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(133.3)
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Page 3 of 7

INVENTOR 2	
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Signature: \\ \	Date: <u>03 /Vov</u> 20/6
NAYLOR, Jason	
Witnessed by:	Date: 03 No Zilly
Signature	Cata.
Scory Vincences	
Printed Name of Witness	
	and the second
Witnessed by: Signature	Date: <u>C3 Nov Zors</u>
Bless Wassig	
Printed Name of Witness	
SECTION BELOW IS FOR USE ONLY IF SIGNIN	IG IN PRESENCE OF A NOTARY
Date Date	: <u> </u>
inventos Name NAYLOR, Jason	
20	
STATE OF	
COUNTY OF ss.	
This 3 day of November 2016 before	ore me personally came the above-named
CATEVITY VASOR TO the personally known as the 2550 Chment, who acknowledged to the that he/sha a	s individual uses pusas tast tas tastitus
for the purposes therein set forth.	veorited the same of tramer own ties Mill
Seal Antaly ////	
######################################	
	(Notary Public)
	Second Commence of the Commenc

Page 4 of 7

315009	
INVENTOR 3	<b>,</b>
Signature: TAYLOR, Edwin, Brian	Date: November 13, 2016  Date: November 13, 2016
Witnessed by: Signature	Date: Noscm3(2 13, 2016
Printed Name of Witness	
Witnessed by:Signature	Date:
	NLY IF SIGNING IN PRESENCE OF A NOTARY
Inventor Name TAYLOR, Edwin, Bri	
STATE OF	<b>SS</b> .:
This day of day of to me persor assignment, who acknowledged to me for the purposes therein set forth.	before me personally came the above-named hally known as the individual who executed the foregoing a that he/she executed the same of his/her own free will
Seal	
	(Notary Public)

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INVENTOR 4		
Signature: FRIE, Sven	Date;	26-007-2016
Witnessed by: Signature	Date: ,	26 - 10 2 - 24/6
LEE SUNG HEE		
Printed Name of Wilness		
Witnessed by: Signature	Date: .	28 - 007 - 2016
York CAIL		
Printed Name of Witness		
8.2.88		
SECTION BELOW IS FOR USE ONLY IF SIGN	ING IN PRE	SENCE OF A NOTARY
D _E	ite:	
Inventor Name FRIE, Syen	•	
STATE OF		
The state of the s		
33.		
COUNTY OF  Thisday ofb	sfore me pe	rsonally came the above-named
COUNTY OF  This day of, booking the individual control of the second contro	exs onw isu	cuted the foregoing assignment
COUNTY OF	exs onw isu	cuted the foregoing assignment

Signature: Patrick Manualus Date: 22 March 2017 McMAHON, Patrick  Witnessed by: Signature  Steplen W. Standring  Printed Name of Witness	<b>?</b>
Steplen W. Standring Printed Name of Witness	?
Steplen W. Standring Printed Name of Witness	
Printed Name of Witness	
Witnessed by:	
Melissa Divilo Printed Name of Witness	
SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY	
Date:	
Inventor Name McMAHON, Patrick	
STATE OF	
COUNTY OF ss.	
This day of, before me personally came the above-n McMAHON. Patrick, to me personally known as the individual who executed the fore assignment, who acknowledged to me that he/she executed the same of his/her own free for the purposes therein, set forth.	

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PATENT REEL: 054081 FRAME: 0286

(Notary Public)

**RECORDED: 10/16/2020** 

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