

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5548858

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
HANNA-LEENA SAUKKONEN	08/22/2018
BENJAMIN BROWN	08/22/2018
MATTHEW OUELLETTE	08/22/2018
SHANICE JONES	05/16/2019
RALPH STANKOWSKI	05/16/2019
ERIC FÄLDT	11/05/2018
LAUREN LISLE	09/27/2018
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:	16143827
CORRESPONDENCE DATA	
Fax Number:	
<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>	
Phone:	4137365401
Email:	volpe@gtv-ip.com
Correspondent Name:	GROGAN TUCCILLO AND VANDERLEEDEN LLP
Address Line 1:	1350 MAIN STREET FLOOR 5, SUITE 508
Address Line 4:	SPRINGFIELD, MASSACHUSETTS 01103
ATTORNEY DOCKET NUMBER:	326240-1 (1026-0036)
NAME OF SUBMITTER:	KEVIN H. VANDERLEEDEN
SIGNATURE:	/Kevin H. Vanderleeden/
DATE SIGNED:	05/31/2019

Total Attachments: 9

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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:

**SYSTEM, METHOD AND APPARATUS FOR MINIMIZING DEAD LEGS IN A BIOREACTOR
SYSTEM**

- ☐ the specification of which is attached hereto OR
- ☐ United States application or PCT international application number _____, as
_____ 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
HANNA- LEENA		SAUKKONEN	of	BOSTON	MASSACHUSETTS	US
BENJAMIN		BROWN	of	LIVINGSTON	NEW JERSEY	US
MATTHEW		OUELLETTE	of	NEWTOWN	MASSACHUSETTS	US
SHANICE		JONES	of	WORCESTER	MASSACHUSETTS	US

RALPH		STANKOWSKI	of	MARLBOROUGH	MASSACHUSETTS	US
ERIC		FALDT		AKERSBERGA		SE
LAUREN		LISLE		MARLBOROUGH	MASSACHUSETTS	US

v9.18.12

hereby sell and assign to:

Name of Company: <i>GE Healthcare Bio-Sciences Corp.</i>
Entity Type (optional):
Address: <i>100 Results Way, Marlborough, MA 01752</i>

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.

INVENTOR 1

Signature: *Hanna-Leena Saukkonen*
HANNA-LEENA SAUKKONEN

Date: 22 AUG 2018

Witnessed by: *Eric Tenander*
Signature

Date: 22 AUG 2018

Eric Tenander
Printed Name of Witness

Witnessed by: *Steven Forsberg*
Signature

Date: 22 AUG 2018

Steven Forsberg
Printed Name of Witness

SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY

Date: _____

HANNA-LEENA SAUKKONEN

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named HANNA-LEENA SAUKKONEN, 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 2

Signature: *Benjamin Brown*
BENJAMIN BROWN

Date: 8/22/18

Witnessed by: *Shelley Simon*
Signature

Date: 8/22/18

Shelley Simon
Printed Name of Witness

Witnessed by: *Richard Simon*
Signature

Date: 8/22/2018

RICHARD SIMON
Printed Name of Witness

SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY

Date: _____

BENJAMIN BROWN

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **BENJAMIN BROWN**, 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 3

Signature: [Signature]
MATTHEW OUELLETTE

Date: 22 AUG 2018

Witnessed by: [Signature]
Signature

Date: 22 AUG 2018

Eric Tenander
Printed Name of Witness

Witnessed by: [Signature]
Signature

Date: 22 AUG 2018

Steven Forsberg
Printed Name of Witness

SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY

Date: _____

MATTHEW OUELLETTE

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **MATTHEW OUELLETTE**, 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: [Signature]
SHANICE JONES

Date: MAY 16 2019

Witnessed by: [Signature]

Signature

Date: 16 May 2019

Victor McCosmact
Printed Name of Witness

Witnessed by: [Signature]

Signature

Date: 16 May 2019

Amy R. McGowan
Printed Name of Witness

SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY

Date: _____

SHANICE JONES

STATE OF

COUNTY OF

ss.

This _____ day of _____, _____ before me personally came the above-named **SHANICE JONES**, 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 5

Signature: [Signature]
RALPH STANKOWSKI

Date: 16 MAY 2019

Witnessed by: [Signature]
Signature

Date: 16 May 2019

Victor McCormack
Printed Name of Witness

Witnessed by: [Signature]
Signature

Date: 16 May 2019

Ang R McGowan
Printed Name of Witness

SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY

Date: _____

RALPH STANKOWSKI

STATE OF

ss.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **RALPH STANKOWSKI**, 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 6

Signature: [Signature]
ERIC FÄLDT

Date: 2018 Nov 5

Witnessed by: [Signature]
Signature

Date: 2018 Nov 5

Birgitta Sundén
Printed Name of Witness

Witnessed by: [Signature]
Signature

Date: 2018 Nov 5

Jenny Melin
Printed Name of Witness

SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY

Date: _____

ERIC FÄLDT

STATE OF

ss.

COUNTY OF

This _____ day of _____ before me personally came the above-named
ERIC FÄLDT, 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: Lauren Lisle
LAUREN LISLE

Date: 09/27/18

Witnessed by: Charles Mullen
Signature

Date: 9-27-18

Charles Mullen
Printed Name of Witness

Witnessed by: Vladimir Shlain
Signature

Date: 9-27-2018

Vladimir Shlain
Printed Name of Witness

SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY

Date: _____

LAUREN LISLE

STATE OF

SS.

COUNTY OF

This _____ day of _____, _____ before me personally came the above-named **LAUREN LISLE**, 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)