504401113 06/07/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

rsion v1.1 EPAS ID: PAT4447810

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|-------------------------|----------------|
| ZHANGYI ZHONG | 12/24/2015 |
| HANNO EHRING | 01/07/2016 |
| MIKAEL ANDERS HORNQVIST | 01/07/2016 |
| YING MAO | 01/05/2016 |
| SIAVASH YAZDANFAR | 01/04/2016 |

RECEIVING PARTY DATA

| Name: | GE HEALTHCARE BIO-SCIENCES AB | |
|-----------------|-------------------------------|--|
| Street Address: | BJORKGATAN 30 | |
| City: | UPPSALA | |
| State/Country: | SWEDEN | |
| Postal Code: | S-751 84 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 15533670 |

CORRESPONDENCE DATA

Fax Number: (404)853-8806

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: 404-853-8000

Email:cindylehmuth@eversheds-sutherland.comCorrespondent Name:EVERSHEDS SUTHERLAND (US) LLP

Address Line 1: 999 PEACHTREE STREET, N.E.

Address Line 2: SUITE 2300

Address Line 4: ATLANTA, GEORGIA 30309

| Total Attachments, 0 | | |
|--------------------------------|------------------------------------|--|
| DATE SIGNED: 06/07/2017 | | |
| SIGNATURE: | /WILLIAM L. WARREN/ | |
| NAME OF SUBMITTER: | WILLIAM L. WARREN, REG. NO. 36,714 | |
| ATTORNEY DOCKET NUMBER: | 259817-6 (34428-0197) | |

Total Attachments: 8

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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:

OPTICAL FIBER ARRANGEMENT FOR A SYSTEM FOR MEASURING THE LIGHT ABSORPTION OR DETERMINING THE CONCENTRATION OF A SUBSTANCE

PCT international application number

EP2015/080417 filed on 18 December 2015, 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 |
|------------------------|----------------------------|-----------------------|----|----------------|--------------------|----------------------|
| Zhangyi | | ZHONG | of | Niskayuna | NY | US |
| Hanno | | EHRING | of | Uppsala | Upplsala | SE |
| Mikael | Anders | HORNQVIST | of | Uppsala | Uppsala | SE |
| Ying | | MAO | of | Niskayuna | NY | US |
| SIAVASH | | YAZDANFAR | of | Niskayuna | NY | US |

hereby sell and assign to:

| Name of Company: GE HEALTHCARE BIO-SCIENCES AB | | |
|--|--|--|
| Entity Type (optional): | | |
| Address: BJORKGATAN 30, UPPSALA, 751 84 Sweden | | |

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 |
|-------------------|---------------------|--------------------|----------------------|---|
| US | PRO- Provisional | 62/093481 | December 18, 2014 | OPTICAL FIBER ARRANGEMENT FOR A SYSTEM FOR MEASURING THE LIGHT ABSORPTION OR DETERMINING THE CONCENTRATION OF A SUBSTANCE |

(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 | 12/24/2012 |
|--|---|
| Signature: | Date: |
| | 12/11/11 |
| Witnessed by: Signature | Date: 424 12015 |
| OZUYAN JIANG | |
| Printed Name of Witness | |
| Yand | Date: 12/29/2015 |
| Witnessed by: | Date: Date: |
| YANG PLAN | |
| Printed Name of Witness | |
| Trined Name of Williess | |
| NO-PROGRAMMEN - SENGERGE SECURIO EN PRESENTA DE CONTROL | |
| SECTION BELOW IS FOR USE ONLY IF SIGN | NING IN PRESENCE OF A NOTARY |
| | |
| | |
| Zhangyi ZHONG | ate: |
| | |
| STATE OF | |
| COUNTY OF | |
| COUNTY OF | |
| This day of, Zhangyi ZHONG, to me personally known as assignment, who acknowledged to me that he/she the purposes therein set forth. | s the individual who executed the foregoing |
| | |
| Seal | |

PATENT REEL: 042625 FRAME: 0879

(Notary Public)

| GE Docket No. 259817 | |
|--|---|
| Signature: Hanno EHRING Witnessed by: Signature | Date: 7- Jan - 2016 Date: 7- Jan - 206 |
| NICLAS JONSSON Printed Name of Witness | - |
| Witnessed by: Person Refer Refer Printed Name of Witness | Date: 2016-01-07 |
| SECTION BELOW IS FOR USE ONLY IF SIG | NING IN PRESENCE OF A NOTARY |
| Hanno EHRING | Date: |
| STATE OF | |
| COUNTY OF | |
| This day of,, | _ before me personally came the above-named s 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

PATENT REEL: 042625 FRAME: 0880

(Notary Public)

| | • |
|---|--|
| INVENTOR 3 Signature: Why Harry | Date: 7 - Jan - 2016 |
| Mikael Anders HORNQVIST | Date. 7 OWY 2016 |
| | - 1 0-4 |
| Witnessed by: Signature | Date: 7 - Jan - 2016 |
| NICLAS JONSSON | |
| Printed Name of Witness | |
| Witnessed by: Peler Reflection | Date: 2016 - 01 - 07 |
| Peter Reppner | |
| Printed Name of Witness | |
| | |
| | |
| SECTION BELOW IS FOR USE ONLY IF SIGN | NING IN PRESENCE OF A NOTARY |
| | |
| | |
| D | ate: |
| Mikael Anders HORNQVIST | |
| | |
| STATE OF | |
| COUNTY OF | |
| | |
| This day of, Mikael Anders HORNQVIST, to me personally | before me personally came the above-named |
| <u>мікаеї Anders HORNQVISI</u> , to me personall <u>y</u> foregoing assignment, who acknowledged to me | / Known as the individual who executed the |
| ree will for the purposes therein set forth. | that he/she executed the same of his/her own |
| | |
| Seal | |
| 30ai | |
| | (Notary Public) |

| INVENTOR 4 | / / |
|---|---|
| Signature: Ying MAO | Date: 1/5/2016 |
| Witnessed by: Signature | Date: |
| WESTON B. GRIFFIN Printed Name of Witness | |
| Witnessed by: Signature | Date: 61/05/2016. |
| ToNG 1441 Printed Name of Witness | ' |
| Finited Name of Witness | |
| SECTION BELOW IS FOR USE ONLY IF SIGN | VING IN PRESENCE OF A NOTARY |
| | |
| D | ate: |
| Ying MAO | |
| STATE OF | |
| COUNTY OF | |
| This day of,,,, | before me personally came the above-named vidual who executed the foregoing assignment, he same of his/her own free will for the purposes |
| Seal | |

PATENT REEL: 042625 FRAME: 0882

(Notary Public)

INVENTOR 5 Date: 01/04/2016

Date: Jan 4, 2016 Signature: SIAVASH YAZDANFAR Witnessed by: Jan 4, 2016 Witnessed by: Signature Printed Name of Witness SECTION BELOW IS FOR USE ONLY IF SIGNING IN PRESENCE OF A NOTARY SIAVASH YAZDANFAR STATE OF **COUNTY OF** before me personally came the above-named SIAVASH YAZDANFAR, 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

> PATENT REEL: 042625 FRAME: 0883

(Notary Public)

RECORDED: 06/07/2017

GE Docket No. 259817