

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT5754301

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| <b>SUBMISSION TYPE:</b>   | NEW ASSIGNMENT                       |
| <b>NATURE OF CONVEYANCE:</b>  | ASSIGNMENT                           |
| <b>CONVEYING PARTY DATA</b>   |                                      |
| <b>Name</b>   | <b>Execution Date</b>                |
| MICHAEL PUGIA   | 09/12/2019                           |
| JULIA PHILIP PENCE  | 09/16/2019                           |
| KAREN MARFURT   | 09/12/2019                           |
| <b>RECEIVING PARTY DATA</b>   |                                      |
| <b>Name:</b>  | SIEMENS HEALTHCARE DIAGNOSTICS INC.  |
| <b>Street Address:</b>  | 511 BENEDICT AVENUE                  |
| <b>City:</b>  | TARRYTOWN                            |
| <b>State/Country:</b>   | NEW YORK                             |
| <b>Postal Code:</b>   | 10591                                |
| <b>PROPERTY NUMBERS Total: 1</b>  |                                      |
| <b>Property Type</b>  | <b>Number</b>                        |
| <b>Application Number:</b>  | 15322855                             |
| <b>CORRESPONDENCE DATA</b>  |                                      |
| <b>Fax Number:</b>  | (609)734-3570                        |
| <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> |                                      |
| <b>Phone:</b>   | 4077362472                           |
| <b>Email:</b>   | ipdsms.func@siemens-healthineers.com |
| <b>Correspondent Name:</b>  | SANDRA BAKER                         |
| <b>Address Line 1:</b>  | 3501 QUADRANGLE BLVD., SUITE 230     |
| <b>Address Line 2:</b>  | SIEMENS CORPORATION, IP DEPARTMENT   |
| <b>Address Line 4:</b>  | ORLANDO, FLORIDA 32817               |
| <b>ATTORNEY DOCKET NUMBER:</b>  | 2014P03333WOUS                       |
| <b>NAME OF SUBMITTER:</b>   | HANNAH GRINWIS                       |
| <b>SIGNATURE:</b>   | /Hannah Grinwis/                     |
| <b>DATE SIGNED:</b>   | 10/04/2019                           |
| <b>Total Attachments: 5</b>   |                                      |
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## ASSIGNMENT

For good and valuable consideration, I (We),

Michael Pugia, residing at 14342 Taddington Drive, Granger, IN 46530, a citizen of The United States; and

Julia Philip Pence, residing at 831 S 28th St., South Bend, IN 46615, a citizen of The United States; and

Karen Marfurt, residing at 27153 Redfield Street, Edwardsburg, MI 49112, a citizen of The United States; and

hereafter individually or collectively referred to as "Assignor(s)";

(I) Hereby, acknowledge having previously assigned, sold and transferred to **Siemens Healthcare Diagnostics Inc.** a corporation organized and existing under the laws of California, having its principal place of business at 511 Benedict Avenue, Tarrytown, New York 10591, hereinafter "Assignee", its successors, assigns and legal representatives, or to a predecessor of Assignee, pursuant to:

(A)

(i) the laws of the United States of America or  
(ii) a Patent & Secrecy Agreement or similar legal document such as, without limitation, an employee agreement executed at the time of entering into the employment of, or executed as a condition of continuing employment with, the Assignee or a predecessor of the Assignee, the entire right, including any and all priority rights, title and interest, in and for the United States and all foreign countries, in and to any and all inventions or improvements which are disclosed in an invention disclosure and/or in the below-identified documents currently filed with this Assignment, already filed or granted for Letters Patent (in which case, any provision of the subject Assignment that is in conflict with or is in addition to any provision in the prior agreement(s) or assignment(s) then this Assignment shall govern, take precedence, and be of legal effect), or

(B)

(i) to the extent such laws of the United States of America or such Patent & Secrecy Agreement or similar legal document failed or fails, in whole or part, to have assigned, sold or transferred the entire right (including priority rights), title and interest, in and for the United States and all foreign countries, in and to all inventions or improvements which are disclosed in the below-identified application(s) or pending application(s) or granted Letters Patent, or

(ii) if no such agreement(s) exist assigning, selling or transferring any such right (including priority rights), title or interest; then for good and valuable consideration, Assignor(s) now and hereby, effective Nunc Pro Tunc on the filing date of the below identified patent application(s), pending patent application(s) or granted Letter Patent(s), assign, sell and transfer(s) to Assignee, its successors, assigns and legal representatives, the entire right, (including all priority rights), title and interest in and for the United States and all foreign countries, in and to any and all inventions and/or

improvements which are disclosed in the following identified; patent application(s), pending patent application(s) or granted Letter Patent(s)

Patent Application Title: FEEDBACK CONTROL FOR IMPROVED RARE CELL DETECTION  
Filing Date(s): July 2, 2014  
Filing Number(s): 62/019,964  
Internal Case Number(s): 2014P03333US

and in and to said application(s) or granted patents and all applications claiming priority to said application or granted patent, including, without limitation, and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of the inventions and/or improvements; and in and to all original and reissued patents which have been or shall be filed in the United States and all foreign countries on the inventions and/or improvements;

(II) Agree that said Assignee may apply for and receive Letters Patent for said inventions and/or improvements in its own name; and that, when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said inventions and/or improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and legal representatives, all facts known to the undersigned relating to said inventions and/or improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or legal representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions and/or improvements and for vesting title to said inventions and or improvements and all applications for patents and all patents on said inventions and/or improvements, in said Assignee, its successors, assigns and legal representatives; and

(III) Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Karen L. Marfurt  
Signature

Inventor name: Karen Marfurt

Sept. 12, 2019  
Date

[Handwritten Signature]  
Witness signature

print name: JOHN D. HUMPHREYS

Company Representative  
**Siemens Healthcare Diagnostics Inc.**

Signature: \_\_\_\_\_

Name: Cynthia G. Tymeson

Title: Assistant Corporate Secretary

Date: \_\_\_\_\_

Michael Puglia

Signature

Inventor name: Michael Puglia

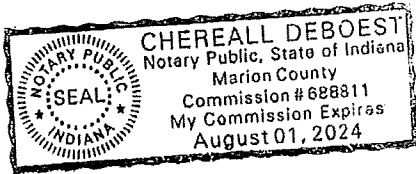
9-12-2019

Date

Chereall DeBoest

Witness signature

print name: Chereall DeBoest




Company Representative  
**Siemens Healthcare Diagnostics Inc.**

Signature: \_\_\_\_\_

Name: Cynthia G. Tymeson

Title: Assistant Corporate Secretary

Date: \_\_\_\_\_

  
\_\_\_\_\_  
Signature

Inventor name: Julia Philip Pence

16 Sept 19  
Date

  
\_\_\_\_\_  
Witness signature

Witness signature

print name: Charles H. Pence

Company Representative  
**Siemens Healthcare Diagnostics Inc.**

Signature:   
\_\_\_\_\_  
Name: Cynthia G. Tymeson

Title: Assistant Corporate Secretary

Date: Oct. 3, 2019