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PATENT ASSIGNMENT COVER SHEET

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NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
NOHA EL-ZEHIRY	12/06/2016
BOGDAN GEORGESCU	12/01/2015
ALI KAMEN	12/10/2015
SHANHUI SUN	11/24/2015

RECEIVING PARTY DATA

Name:	SIEMENS CORPORATION	
Street Address:	170 WOOD AVENUE SOUTH	
City:	ISELIN	
State/Country:	NEW JERSEY	
Postal Code:	08830	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16193587

CORRESPONDENCE DATA

Fax Number: (609)734-3570

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: 4077362472

Email: ipdsms@siemens-healthineers.com

Correspondent Name: SANDRA BAKER

Address Line 1: 3501 QUADRANGLE BLVD., SUITE 230 Address Line 2: SIEMENS CORPORATION, IP DEPARTMENT

Address Line 4: ORLANDO, FLORIDA 32817

ATTORNEY DOCKET NUMBER:	2014P13129US02
NAME OF SUBMITTER:	ELIZABETH PATLA
SIGNATURE:	/Elizabeth Patla/
DATE SIGNED:	11/16/2018

Total Attachments: 3

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PATENT REEL: 047528 FRAME: 0501 505195163

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PATENT REEL: 047528 FRAME: 0502

Docket No.: 2014P13129WOUS

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ASSIGNMENT

For good and valuable consideration, I (We),

Noha EI-Zehiry, residing at 3904 Fox Run Drive, Plainsboro, NJ 08536, US, citizen of EG Bogdan Georgescu, residing at 6 Jeffers Road, Plainsboro, NJ 08536, US, citizen of RO Ali Kamen, residing at 15 La Costa Court, Skillman, NJ 08558, US, citizen of US Shanhui Sun, residing at 46 Scarlet Oak Drive, Princeton, NJ 08540, US, citizen of CN

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

Hereby, (I) acknowledge having previously assigned, sold and transferred to **Siemens Corporation**, a corporation organized and existing under the laws of UNITED STATES OF AMERICA, having its principal place of business at 170 Wood Avenue South, Iselin, NJ, 08830, hereinafter "Assignee", its successors, assigns and legal representatives, or to a predecessor of Assignee, pursuant to (A)(i) the laws of 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 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)

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Patent Application Title: Method for Analyzing Digital Holographic Microscopy Data

for Hematology Applications Filing Date: 16 Jun 2014 Filing Number: 62/012,636

Internal Case Number(s): 2014P13129US

Patent Application Title: ANALYZING DIGITAL HOLOGRAPHIC MICROSCOPY DATA

FOR HEMATOLOGY APPLICATIONS

Filing Date: 16 Jun 2015

Filing Number: PCT/US2015/035945

Internal Case Number(s): 2014P13129WOUS

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 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.

Witness Signature

REN-YI LO

printed name

Nóha El-Zehiry

12/6/2016

Date

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<u>XWOLPI</u> Witness Sign Lisa PII		Bogdan Georgescu		
printed name		Date.		
<u> Lua Au</u> Witness Sign	unkett	All Kamen		
Lisa Plun printed name	ikett -	12/10/2015 Date		
<u>LiseHi</u> Witness Signa	in het .	Shanhui Sun		
Lisa Plu printed name	inkett -	11.24 2015 Date		
Companies Representative(s) Signature(s):				
Name(s):	Daniel J. Staudt			
Title:	Vice President	- Andrews		
Date:	December 9, 2016			

PATENT REEL: 047528 FRAME: 0505

RECORDED: 11/16/2018