PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TERRENCE CHEN	01/24/2018
DORIN COMANICIU	01/24/2018
CHARLES HENRI FLORIN	02/20/2018
SASA GRBIC	01/30/2018
STEFAN KLUCKNER	02/01/2018
TOMMASO MANSI	01/24/2018

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:	15755565

CORRESPONDENCE DATA

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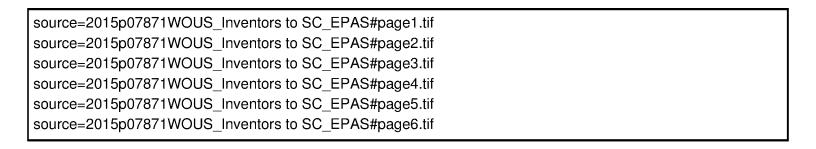
Correspondent Name: SIEMENS CORPORATION, INTELLECTUAL PROPERTY DEPT.

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Address Line 4: ORLANDO, FLORIDA 32817

ATTORNEY DOCKET NUMBER:	2015P07871WOUS
NAME OF SUBMITTER:	ELIZABETH PATLA
SIGNATURE:	/Elizabeth Patla/
DATE SIGNED:	03/05/2018

Total Attachments: 6



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ASSIGNMENT

For good and valuable consideration, I (We),

Terrence Chen, residing at 18 Scarlet Oak Drive, Princeton, NJ 08540, US, citizen of US

Dorin Comaniciu, residing at 2 Stuart Lane West, Princeton Junction, NJ 08550, US, citizen of US

Charles Henri Florin, residing at 45-50 Pearson Street Apt 4A, Long Island City, NY 11101, US, citizen of FR

Sasa Grbic, residing at 1315 Ravens Crest Drive, Plainsboro, NJ 08536, US, citizen of HR Stefan Kluckner, residing at Südostallee 164, Berlin, 12487, DE, citizen of AT Tommaso Mansi, residing at 70 Edgemere Avenue, Plainsboro, NJ 08536, US, citizen of FR

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, US, 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 filling 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)

IDNR: 1930 / 21.05.2015

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Patent Application Title: MULTI-VIEW, MULTI-SOURCE REGISTRATION OF MOVING

ANATOMIES AND DEVICES

Filing Date: 03 Sep 2015

Filing Number: PCT/US2015/048214 Internal Case Number(s): 2015P07871WO

Patent Application Title: MULTI-VIEW, MULTI-SOURCE REGISTRATION OF MOVING

ANATOMIES AND DEVICES

Filing Date: 27 Feb 2018 Filing Number: 15/755,565

Internal Case Number(s): 2015P07871WOUS

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

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conveyed has been made to others by the undersig	
herein expressed is possessed by the undersigned.	
Elalit Kitla	Al Cu
Witness Signature	Terrence Chen
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Elizabeth Patla	124/18
printed name	Date
Witness Signature	Dorin Comaniciu
printed name	Date

Page 2 of 3

Patent Application Title: MULTI-VIEW, MULTI-SOURCE REGISTRATION OF MOVING

ANATOMIES
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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.

Witness Signature	Terrence Chen	
printed name	 Date	
Lisa Pettima to Witness Signature	Dorin Comanidiu	
Lisa Pethnato printed name	1/24(18) Date	

Page 3 of 3

₹Zan Cârca Witness Sigr	Lano Capit		Charles Henri Florin	
FRANCESC printed name	CA LORUSSO CAPUTI		<u>02/20/201</u> 8 Date	***************************************
Witness Sigr	nature		Sasa Grbic	· .
printed name			Date	
Witness Sigr	nature		Stefan Kluckner	
printed name	3		Date	202222222222222222222222222222222222222
Witness Sigr	nature	-	Tommaso Mansi	
printed name	>		Date	
Companies R Siemens Corp	epresentative(s)			
Signature(s):		,		
Name(s):	Patricia Kane Schmidt			
Title:	Lead Counsel			
Date:				

Docket No.: **2015P07871WOUS** Page 3 of 3

Witness Signature	Charles Henri Florin
printed name	Date
Witness Signature	Sasa Grbic
printed name	
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Witness Signature\	Stefan Kluckner
C. Hoppe	2/1/18
printed name	Date /
Witness Signature	Tommaso Mansi
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himed name	DW10
Companies Representative(s) Siemens Corporation	
Signature(s):	
Name(s): Patricia Kane Schmidt	
Title: <u>Lead Counsel</u>	
Date:	

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Witness Signature	Charles Henri Florin
printed name	
El, Mad / atta Witness Signature	Sasa Grbic
Elizabeth Patla printed name	<u>0(130/ 20(8</u> Date
Witness Signature	Stefan Kluckner
printed name	Date
Unlied Late Witness Signature	Tommaso Mansi
Elizabeth Satla printed name	<u>O1 / 7J, / ₹o1 &</u> Date
Companies Representative(s) Siemens Corporation Signature(s):	
Name(s): <u>Patricia Kane Schmidt</u>	
Title: <u>Lead Counsel</u>	
Date: <u>3-5-2018</u>	

PATENT REEL: 045102 FRAME: 0633

RECORDED: 03/05/2018