504893072 05/01/2018

EPAS ID: PAT4939815

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KUTAY F. USTUNER	06/12/2009
RICKARD C. LOFTMAN	06/09/2009
CHARLES E. BRADLEY	07/01/2009

RECEIVING PARTY DATA

Name:	SIEMENS MEDICAL SOLUTIONS USA, INC.
Street Address:	40 LIBERTY BLVD
City:	MALVERN
State/Country:	PENNSYLVANIA
Postal Code:	19355

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13538744

CORRESPONDENCE DATA

Fax Number: (407)243-3175

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: 407-736-2472

Email: IPDadmin.us@siemens.com

Correspondent Name: SANDRA BAKER

Address Line 1: 3501 QUADRANGLE BLVD STE 230

Address Line 2: SIEMENS CORPORATION, IP DEPARTMENT

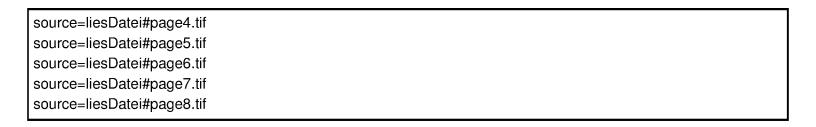
Address Line 4: ORLANDO, FLORIDA 32817

ATTORNEY DOCKET NUMBER: 2008P10323US02 **NAME OF SUBMITTER:** SARA L. HUARD SIGNATURE: /Sara L. Huard/ **DATE SIGNED:** 05/01/2018

Total Attachments: 8

source=liesDatei#page1.tif source=liesDatei#page2.tif source=liesDatei#page3.tif

> **PATENT** REEL: 045677 FRAME: 0071 504893072



PATENT REEL: 045677 FRAME: 0072

ASSIGNMENT

For good and valuable consideration, we, **Rickard C. Loftman**, a citizen of the United States, residing at 506 Concord Dr., Menlo Park, CA 94025; **Kutay F. Ustuner**, a citizen of Turkey, residing at 602 Church Street, Mountain View, CA 94041; and **Charles E. Bradley**, a citizen of the United States, residing at 1217 Oak Grove Avenue, #4, Burlingame, CA 94010,

Hereby sell, assign and transfer to **SIEMENS MEDICAL SOLUTIONS USA**, **INC.**, a corporation of the State of Delaware, having a principal place of business at 51 Valley Stream Parkway, Malvern, PA 19355-1406, hereinafter "Assignee", its successors, assigns and legal representatives, the entire right, title and interest in and for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent filed on **June 3**, **2009** as U.S. Application No. **12/477,783**, and is entitled:

COHERENT IMAGE FORMATION FOR DYNAMIC TRANSMIT BEAMFORMATION

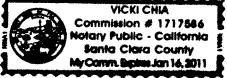
and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be filed in the United States and all foreign countries on said improvements;

Agree that said Assignee may apply for and receive Letters Patent for said 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 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 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 improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and

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.

ACKNOWLEDGEMENTS

	Kutay F. Ustuner
State of California County of Santa Clara)
County of Santa Clara) ss.:)
on the basis of satisfactory evider subscribed to the within instrument the same in his/her/their authorize	2009, before me, Vick: Chia ed Kutay Faik Ustuner, proved to me note to be the person(s) whose name(s) is/are not and acknowledged to me that he/she/they executed ed capacity(ies), and that by his/her/their signature(s) or the entity upon behalf of which the person(s) acted,
I certify under PENALTY OF PER that the foregoing paragraph is true	JURY under the laws of the State of California ue and correct.
WITNESS my hand and official se	eal. Seal:
Signature of Notary Public	



	ACKNOWLE DGEMENTS
	Alis /
	Rickard C. Loftman
State of California)
State of California County of Santa Clara) ss.:)
on the basis of satisfactory evider subscribed to the within instrumer the same in his/bér/théir authorize on the instrument the person(s), cexecuted the instrument.	2009, before me, Vicki Chia ed Rickard Clinton Loftman, proved to me noce to be the person(s) whose name(s) is/are not and acknowledged to me that he/she/they executed ed capacity(ies), and that by his/her/their signature(s) or the entity upon behalf of which the person(s) acted, EJURY under the laws of the State of California
WITNESS my hand and official se	
1 Live in the second of the se	Seal:
Signature of Notary Public	VICKI CHIA Commission # 1717586 Notary Public - California # Santa Clara County My Comm. Basines Jan 16, 2011

	Charles E. Bradley	
Witness No. 1:		
Signature		Date
Printed Name		
Witness No. 2:		
Signature		Date
Printed Name		

ASSIGNMENT

For good and valuable consideration, we, **Rickard C. Loftman**, a citizen of the United States, residing at 506 Concord Dr., Menlo Park, CA 94025; **Kutay F. Ustuner**, a citizen of Turkey, residing at 602 Church Street, Mountain View, CA 94041; and **Charles E. Bradley**, a citizen of the United States, residing at 1176 Keith Avenue, Berkeley, CA 94708,

Hereby sell, assign and transfer to **SIEMENS MEDICAL SOLUTIONS USA**, **INC.**, a corporation of the State of Delaware, having a principal place of business at 51 Valley Stream Parkway, Malvern, PA 19355-1406, hereinafter "Assignee", its successors, assigns and legal representatives, the entire right, title and interest in and for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent filed on **June 3, 2009** as U.S. Application No. **12/477,783**, and is entitled:

COHERENT IMAGE FORMATION FOR DYNAMIC TRANSMIT BEAMFORMATION

and in and to said application 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 said 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 said improvements;

Agree that said Assignee may apply for and receive Letters Patent for said 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 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 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 improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and

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.

ACKNOWLEDGEMENTS

	Rickard C. Loftman
State of)) ss.:
County of)
On this day of	200 , before me,
subscribed to the within instrume the same in his/her/their authoriz on the instrument the person(s), executed the instrument.	ed, proved to me nce to be the person(s) whose name(s) is/are ent and acknowledged to me that he/she/they executed ed capacity(ies), and that by his/her/their signature(s) or the entity upon behalf of which the person(s) acted, RJURY under the laws of the State of ue and correct.
WITNESS my hand and official s	eal.
	Seal:
Signature of Notary Public	= = = = = = = = = = = = = = = = = = = =

<u>ACKNOWLEDGEMENTS</u>

	Kutay F. Ustuner
State of)) ss.:
County of)
subscribed to the within instrumer the same in his/her/their authorize on the instrument the person(s), c executed the instrument.	
WITNESS my hand and official se	eal.
Signature of Notary Public	Seal:

Charles	E. Bradley
Witness No. 1:	
Signature	July 1 2009 Date
Pen darachiva	
Printed Name	-
Witness No. 2:	
_ M Twon	July 1-2009
Signature	Date
My Ti vom	_
Printed Name	