PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HARRY HEDLER	07/24/2014
INGO KUEHNE	07/23/2014
MARKUS SCHIEBER	07/26/2014
JOERG ZAPF	07/24/2014

RECEIVING PARTY DATA

Name:	SIEMENS AKTIENGESELLSCHAFT	
Street Address:	WITTELSBACHERPLATZ 2	
City:	MUNICH	
State/Country:	GERMANY	
Postal Code:	80333	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14384993

CORRESPONDENCE DATA

Fax Number: (202)434-1501

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: 202-434-1500 Email: nlord@s-n-h.com **Correspondent Name:** STAAS & HALSEY LLP

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ATTORNEY DOCKET NUMBER:	2454.1549
NAME OF SUBMITTER:	MARK J. HENRY
SIGNATURE:	/Mark J. Henry/
DATE SIGNED:	09/16/2014

Total Attachments: 9

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ASSIGNMENT

For good and valuable consideration, I (We),

Harry Hedler, residing at Jahnstraße 8, Germering, 82110, DE, citizen of DE

Ingo Kühne, residing at Plänle 9, Künzelsau, 74653, DE, citizen of DE

Markus Schieber, residing at Arndtstr. 6, München, 80469, DE, citizen of DE

Jörg Zapf, residing at Dalandstr. 1, München, 81927, DE, citizen of DE

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

Hereby, (I) acknowledge having previously assigned, sold and transferred to **Siemens Aktiengesellschaft**, a corporation organized and existing under the laws of GERMANY, having its principal place of business at Wittelsbacherplatz 2, München, 80333, hereinafter "Assignee", its successors, assigns and legal representatives, or to a predecessor of Assignee, pursuant to (A)(i) the laws of GERMANY 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, and the right to sue and recover damages for past, present and future infringement) 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 GERMANY 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: INFRARED SENSOR, THERMAL IMAGING CAMERA AND METHOD FOR PRODUCING A MICROSTRUCTURE FROM THERMOELECTRIC SENSOR RODS

Filing Date (MM/DD/YYYY): **02/11/2013** Filing Number: **PCT/EP2013/052662**

Internal Case Number(s): 2011P29204WOUS

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,

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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 Karl Werduer	Harry Hedler 24,07,2018
printed name	Date
Witness Signature	Ingo Kühne
printed name	Date

Page 3 of 3

Witness Signature	Markus Schieber
printed name	Date
Witness Signature Var Weidner printed name	Jörg Zapf 24.07.14 Date
	Companies Representative(s) Siemens Aktiengesellschaft Signature
	Hashuber Date July 30, 2014 Signature / / / / / / / / / / / / / / / / / / /

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Harry Hedler, residing at Jahnstraße 8, Germering, 82110, DE, citizen of DE

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Patent Application Title: INFRARED SENSOR, THERMAL IMAGING CAMERA AND METHOD FOR PRODUCING A MICROSTRUCTURE FROM THERMOELECTRIC SENSOR RODS

Filing Date (MM/DD/YYYY): 02/11/2013 Filing Number: PCT/EP2013/052662

Internal Case Number(s): 2011P29204WOUS

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(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	Harry Hedler
printed name	Date
7. Witness Signature	Ingo Kühne
JESSCH LIEDLOFF-VÜHNE printed name	<u>07-23-</u> 2014 Date

Page 3 of 3

Witness Signature	Markus Schieber
printed name	Date
Witness Signature	Jörg Zapf
printed name	Date
	Companies Representative(s) Siemens Aktiengesellschaft Signature
	Name Hashuber Date July 30, 2014
	Signature / / ////// Name Klinger Date July 30, 2014

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Witness Signature	Harry Hedler	
printed name	Date	
Witness Signature	Ingo Kühne	
printed name	Date	

REEL: 033748 FRAME: 0322

Docket No.: 2011P29204WOUS Page 3 of 3

A. Schreber Witness Signature	Markus Schieber
Alexandra Schieber printed name	76.7.7014 Date
Witness Signature	Jörg Zapf
printed name	Date
	Companies Representative(s) Siemens Aktiengesellschaft
	Name Hashuber Date July 30, 2014
•	Signature /////////////// Name Klinger
	Date