## 505696778 09/27/2019

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5743588

SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT		
CONVEYING PARTY D	ΟΑΤΑ				
		Name	Name Execution Da		
SIEMENS AKTIENGES	ELLSCHA	FT	09/10/2019		
			·		
RECEIVING PARTY D	ATA				
Name:		FRAUNHOFER GESELLSCHAFT ZUR FÖRDERUNG DER ANGEWANDTEN FORSCHUNG E.V.			
Street Address:	HANSA	HANSASTRASSE 27 C			
City:	MUNCH	MUNCHEN			
State/Country:	GERMA	GERMANY			
Postal Code:	80686				
Property Type		Number 13266360			
Application Number:					
Application Number: CORRESPONDENCE I Fax Number:	DATA	13266360			
Application Number: CORRESPONDENCE I Fax Number: Correspondence will I	DATA be sent to				
Application Number: CORRESPONDENCE I Fax Number: Correspondence will I using a fax number, if	DATA be sent to provided,	13266360 the e-mail address first; if that is unsuc			
Application Number: CORRESPONDENCE I Fax Number: <i>Correspondence will I using a fax number, if</i> Phone: Email:	DATA be sent to provided, t	13266360 <i>the e-mail address first; if that is unsuc</i> <i>; if that is unsuccessful, it will be sent v</i> 5124023575 rosson@sgbfirm.com			
Application Number: CORRESPONDENCE I Fax Number: <i>Correspondence will L using a fax number, if</i> Phone: Email: Correspondent Name:	DATA be sent to provided t	the e-mail address first; if that is unsuc ; if that is unsuccessful, it will be sent v 5124023575 rosson@sgbfirm.com SLAYDEN GRUBERT BEARD PLLC			
Application Number: CORRESPONDENCE I Fax Number: <i>Correspondence will I using a fax number, if</i> Phone: Email: Correspondent Name: Address Line 1:	DATA be sent to provided, t	<i>the e-mail address first; if that is unsuc</i> <i>; if that is unsuccessful, it will be sent v</i> 5124023575 rosson@sgbfirm.com SLAYDEN GRUBERT BEARD PLLC 401 CONGRESS AVE			
Application Number: CORRESPONDENCE I Fax Number: Correspondence will I using a fax number, if Phone: Email: Correspondent Name: Address Line 1: Address Line 2:	DATA be sent to provided t	the e-mail address first; if that is unsuc ; if that is unsuccessful, it will be sent v 5124023575 rosson@sgbfirm.com SLAYDEN GRUBERT BEARD PLLC			
Application Number: CORRESPONDENCE I Fax Number: <i>Correspondence will I using a fax number, if</i> Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	DATA be sent to provided, t	<i>the e-mail address first; if that is unsuc</i> <i>; if that is unsuccessful, it will be sent v</i> 5124023575 rosson@sgbfirm.com SLAYDEN GRUBERT BEARD PLLC 401 CONGRESS AVE SUITE 1900			
Application Number: CORRESPONDENCE I Fax Number: Correspondence will I using a fax number, if Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	DATA be sent to provided t t 2 2 4 2 2 4 2 2 2 2 2 2 2 2 2 2 2 2	the e-mail address first; if that is unsuc ; if that is unsuccessful, it will be sent v 5124023575 rosson@sgbfirm.com SLAYDEN GRUBERT BEARD PLLC 401 CONGRESS AVE SUITE 1900 AUSTIN, TEXAS 78701			
Application Number: CORRESPONDENCE I Fax Number: <i>Correspondence will L using a fax number, if</i> Phone: Email: Correspondent Name:	DATA be sent to provided t t 2 2 4 2 2 4 2 2 2 2 2 2 2 2 2 2 2 2	the e-mail address first; if that is unsuc ; if that is unsuccessful, it will be sent v 5124023575 rosson@sgbfirm.com SLAYDEN GRUBERT BEARD PLLC 401 CONGRESS AVE SUITE 1900 AUSTIN, TEXAS 78701 03869.117237			

## ASSIGNMENT OF RIGHTS Company to Company

WHEREAS, Siemens Aktiengesellschaft (Hereafter "Assignor") and Fraunhofer Gesellschaft zur Förderung der angewandten Forschung e.V. (Hereafter "Assignee") (individually referred to as "Party" and collectively as "Parties")

Hereby, (I)(A) acknowledge they have entered into certain agreements (hereinafter referred to as "the Agreements") which set forth certain rights, limitations and obligations regarding inventions developed by or among Parties, and/or Intellectual Property owned by one or both of the Parties and the Parties agree that the terms of the Agreements apply to any and all inventions; or

(B)(i) Agree to the extent such Agreement(s) or similar legal document(s) 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 which are disclosed in an invention disclosure and/or in the below-identified application or application already filed for 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 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), assigns, sell and transfers 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 improvements which are disclosed in the following Identified; patent application(s), pending patent application(s), pending the united States and all foreign countries, in and to any and all inventions and improvements which are disclosed in the following Identified; patent application(s), pending patent application(s) or granted to a states and all foreign countries, in and to any and all inventions and improvements which are disclosed in the following Identified; patent application(s), pending patent application(s) or granted patent, entitled:

Patent Application Title: Method and Apparatus for Optically Transmitting Data Filing Date: 26 Mar 2010 Filing Number: 13/266,360 Internal Case Number(s): 2009P07349WOUS

and in and to said application 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 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 or improvements;

(II) Agree that the 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 the inventions 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 the inventions 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 the inventions or improvements and for vesting title to the inventions or improvements, in said Assignee, its successors, assigns and legal representatives; and all applications for patents and all patents on the inventions 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.

The Parties acknowledge and agree that the inventor(s) may have previously assigned its rights (including all and any priority rights) in one or more above-referenced applications for Letters Patents directly to a Party as directed by the other Party, consistent with the Agreements. Any such directed assignment shall remain in full force and effect and shall take precedence over this Assignment to the extent any conflict exists.

Siemens Aktie	ingesellschaft	r ( , M.	after and the
Signature(s)		<u> </u>	<u>114,</u>
Name(s)	Renner	Klinger	
Title	Both authorized office	)rs	
Date	September 10, 2019		
Fraunhofer Ge Signature(s)	esellschaft zur Förder.	ung der angewandten Fors	chung e.V.
Name(s)			- <del>Dr. Wern</del> er Liebler
Title			Head of Patents and Licensing Fraunhofer-Gesellschaft zur Förderung
Date	<u></u>	<u>23,20.14</u>	der angewandten Forschung e.V.



**RECORDED: 09/27/2019**