506345160 11/09/2020

EPAS ID: PAT6391914

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
HIROO TAKAHASHI	10/29/2020
TOSHIHISA HYAKUDAI	10/29/2020
JUNYA YAMADA	10/29/2020

RECEIVING PARTY DATA

Name:	SONY SEMICONDUCTOR SOLUTIONS CORPORATION	
Street Address:	4-14-1 ASAHI-CHO, ATSUGI-SHI	
City:	KANAGAWA	
State/Country:	JAPAN	
Postal Code:	243-0014	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16820377

CORRESPONDENCE DATA

Fax Number: (414)277-0656

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: 414-271-6560

Email: DCipdocket@michaelbest.com

Correspondent Name: MICHAEL BEST & FRIEDRICH LLP (SONY)

Address Line 1: 790 N WATER ST

Address Line 2: SUITE 2500

Address Line 4: MILWAUKEE, WISCONSIN 53202

ATTORNEY DOCKET NUMBER:	880005-6451-US01	
NAME OF SUBMITTER:	CHRISTOPHER M. TOBIN	
SIGNATURE:	/Christopher M. Tobin/	
DATE SIGNED:	11/09/2020	

Total Attachments: 6

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PATENT 506345160 REEL: 054316 FRAME: 0689

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> PATENT REEL: 054316 FRAME: 0690

SP377921US00

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, the person(s) named below (referred to as "INVENTOR" whether singular or plural) has sold, assigned, and transferred and does hereby sell, assign, and transfer to **Sony Semiconductor Solutions Corporation** located and doing business at **4-14-1 Asahicho, Atsugi-shi, Kanagawa, 243-0014 Japan** ("ASSIGNEE") for itself and its successors, transferees, and assignees, the following:

- 1. The entire worldwide right, title, and interest in all inventions and improvements ("SUBJECT MATTER") that are disclosed in the U.S. provisional application, non-provisional application, or national phase application entitled "COMMUNICATION DEVICE, COMMUNICATION SYSTEM AND COMMUNICATION METHOD", bearing the U.S. Application Serial No. 16/820,377, filed on March 16, 2020 ("APPLICATION"); and
- 2. The entire worldwide right, title, and interest in and to:
 (a) the APPLICATION; (b) all applications claiming priority from the APPLICATION; (c) all utility, divisional, continuation, substitute, renewal, reissue, and other related applications thereto which have been or may be filed in the United States or elsewhere in the world; (d) all patents (including reissues and re-examinations) which may be granted on the applications set forth in (a), (b), (c) and
- (d) above; and (e) all right of priority in the APPLICATION, together with all rights to recover damages for infringement of provisional rights.

INVENTOR agrees that ASSIGNEE may apply for and receive patents for SUBJECT MATTER in ASSIGNEE's own name.

INVENTOR agrees to do the following, when requested, and without further consideration, in order to carry out the intent of this Assignment: (I) execute all oaths, assignments, powers of attorney, applications, and other papers necessary or desirable to fully secure to ASSIGNEE the rights, titles and interests herein conveyed; (2) communicate to ASSIGNEE all known facts relating to the SUBJECT MATTER; and (3) generally do all lawful acts that ASSIGNEE shall consider desirable for securing, maintaining, and enforcing worldwide patent protection relating to the SUBJECT MATTER and for vesting in ASSIGNEE the rights, titles, and interests herein conveyed. INVENTOR further agrees to provide any successor, assign, or legal representative of ASSIGNEE with the benefits and assistance provided to ASSIGNEE hereunder.

INVENTOR represents that INVENTOR has the rights, titles, and interests to convey as set forth herein, and covenants with ASSIGNEE that the INVENTOR has not made and will not hereafter make any assignment, grant, mortgage, license, or other agreement affecting the rights, titles, and interests herein conveyed.

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INVENTOR grants the attorney(s) of record in this application the power to inspect the U.S. Application Serial No. and filing date of the Application in the spaces provided above.

This Assignment may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same Assignment.

This Assignment is executed on the date(s) indicated below.

Toshihisa Hyakudai	
Name of first inventor	
San Diego, California, USA	
Residence of first inventor	
Signature of first inventor	Date
Hiroo Takahashi Name of second inventor	
Kanagawa, Japan	
Residence of second inventor	
/Hiroo Takahashi/	
Signature of second inventor	Date
Junya Yamada Name of third inventor	
Kanagawa, Japan Residence of third inventor	
Signature of third inventor	Date

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Kanagawa, Japan	
Residence of second inventor	
Signature of second inventor	Date
Junya Yamada Name of third inventor	
Kanagawa, Japan Residence of third inventor	
/Junya Yamada/	
Signature of third inventor	Date 2020/10/29

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Signature of first inventor	Date 2020/10/29
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Name of second inventor	
Traine of Second Inventor	
Kanagawa, Japan	
Residence of second inventor	
Signature of second inventor	Date
Junya Yamada	
Name of third inventor	
Kanagawa, Japan Residence of third inventor	
Signature of third inventor	Date

RECORDED: 11/09/2020