

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT5120246

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ARIEL BEN SHEM	08/15/2018
ITAI SHVARTZ	08/15/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	SONY SEMICONDUCTOR SOLUTIONS CORPORATION
<b>Street Address:</b>	4-14-1 ASAH-CHO, ATSUGI-SHI
<b>City:</b>	KANAGAWA
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	243-0014
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	16058482
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(414)277-0656
<i>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.</i>	
<b>Email:</b>	kmhailes@michaelbest.com
<b>Correspondent Name:</b>	MICHAEL BEST & FRIEDRICH LLP
<b>Address Line 1:</b>	100 EAST WISCONSIN AVENUE
<b>Address Line 2:</b>	SUITE 3300
<b>Address Line 4:</b>	MILWAUKEE, WISCONSIN 53202
<b>ATTORNEY DOCKET NUMBER:</b>	880005-6232-US02
<b>NAME OF SUBMITTER:</b>	CHRISTOPHER M. TOBIN
<b>SIGNATURE:</b>	/Christopher M. Tobin/
<b>DATE SIGNED:</b>	08/31/2018
<b>Total Attachments: 2</b>	
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## 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**, a corporation, having an address at **4-14-1 Asahi-cho, Atsugi-shi, Kanagawa JAPAN** ("ASSIGNEE") for itself and its successors, transferees, and assignees, the following:

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 "LOOKUP-TABLE-BASED SIGMA-DELTA ADC FILTER",

1. bearing the U.S. Application Serial No. 16/058,482, filed on August 8, 2018 ("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: (1) 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.

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

Docket No.: 880001-6232-US02  
(SP371626US01)

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.

  
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Ariel Ben Shem

Dated: 8/15/2018

Itai Shvartz  
Itai Shvartz

Dated: 8/15/2018

Docket No.: 880001-6232-US02  
(SP371626US01)