

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT5271487

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SAMSUNG ELECTRONICS CO., LTD.	11/15/2018

RECEIVING PARTY DATA

Name:	FIO SEMICONDUCTOR TECHNOLOGIES, LLC
Street Address:	1717 MCKINNEY AVENUE
Internal Address:	SUITE 1050
City:	DALLAS
State/Country:	TEXAS
Postal Code:	75202

PROPERTY NUMBERS Total: 16

Property Type	Number
Application Number:	11327321
Application Number:	12437209
Application Number:	13349181
Application Number:	12726014
Application Number:	14152440
Application Number:	14635588
Application Number:	13109230
Application Number:	12651727
Application Number:	11133214
Application Number:	11167984
Application Number:	11444353
Application Number:	11657650
Application Number:	11798947
Application Number:	12923497
Application Number:	11341341
Application Number:	13798419

CORRESPONDENCE DATA

Fax Number: (972)202-5013

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 9722029906
Email: tmugabe@marconigroup.com
Correspondent Name: TARA WILSON-MUGABE
Address Line 1: 7160 DALLAS PKWY.
Address Line 4: PLANO, TEXAS 75024

ATTORNEY DOCKET NUMBER:	FUSION-IO SAMSUNG
NAME OF SUBMITTER:	TARA WILSON-MUGABE
SIGNATURE:	/Tara Wilson-Mugabe/
DATE SIGNED:	12/07/2018

Total Attachments: 5

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Exhibit A

PATENT ASSIGNMENT

This PATENT ASSIGNMENT (this "Assignment") is made effective as of November 15, 2018 (the "**Effective Date**") between Samsung Electronics Co., Ltd. ("Assignor"), and FIO Semiconductor Technologies, LLC ("Assignee").

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties agree as follows:

I. Assignment Pursuant and subject to the terms and conditions of the Patent Assignment Agreement dated as of November 15, 2018 between Assignor and Assignee (the "Patent Assignment Agreement"), Assignor hereby transfers, assigns, and conveys to Assignee all right, title, and interest throughout the world (under any and all laws and in any and all jurisdictions) in and to all of the patents, patent applications, and provisional patent applications set forth on Exhibit A attached hereto (collectively, the "Assigned Patents"), in each case, subject to all Existing Encumbrances (as defined in the Patent Assignment Agreement). Pursuant to the foregoing assignment, each of the Assigned Patents will hereafter be for Assignee's own use and enjoyment, and for the use and enjoyment of Assignee's successors and assigns, as fully and entirely as the same would have been held and enjoyed by Assignor if this Agreement had not been made. The foregoing assignment includes, without limitation, the rights to (a) register or apply in all countries and regions for patents, utility models, design Registration and like rights of exclusion and for inventors' certificates for the Assigned Patents; (b) prosecute, maintain, and defend the Assigned Patents before any public or private agency, office or registrar including by filing reissues, reexaminations, divisions, continuations, continuations-in-part, substitutes, extensions and all other applications and post issue proceedings included in the Assigned Patents; (c) claim priority based on the filing dates of any of the Assigned Patents under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, the Paris Convention, and all other treaties of like purposes; and (d) sue and recover damages or other compensation for past, present, or future infringements of the Assigned Patents, the right to sue and obtain equitable relief, including injunctive relief, in respect of such infringements, and the right to fully and entirely stand in the place of the Assignor in all matters related to the Assigned Patents.

2. **Authorization.** Assignor hereby authorizes the respective patent office or governmental agency in each jurisdiction to issue any and all patents, certificates of invention, utility models or other governmental grants or issuances that may be granted upon any of the Assigned Patents in the name of Assignee, as the assignee to the entire interest therein. Assignor hereby authorizes and requests the attorney or agent of record to insert on this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the respective patent office or governmental agency in each jurisdiction for recordation or other official recognition.

3. **Governing Law.** This Assignment, the rights and obligations of the parties under this Assignment, and any claim or controversy directly or indirectly based upon, arising out of or related to, this Assignment or the transactions contemplated by this Assignment (whether based

upon contract, tort or any other theory), including all matters of construction, validity and performance, shall be governed by and construed in accordance with the laws of the State of New York, without regard to any conflict of law provisions that would require the application of the law of any other jurisdiction.

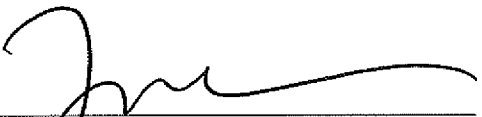
4. **Successors and Assigns.** This Assignment shall be binding upon and inure to the benefit of the parties and their respective successors and permitted assigns.

5. **Construction.** Any rule of construction to the effect that ambiguities are to be resolved against the drafting party will not be applied in the construction or interpretation this Assignment. The words "include", "including" and variations thereof will be deemed to be followed by the words "without limitation". The use of "or" will not be deemed to be exclusive. This Assignment may be executed in counterparts, each of which when executed will be deemed to be an original but all of which taken together will constitute one and the same agreement.

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FIO Semiconductor Technologies, LLC



Signature
James W. Ribman

Printed Name
President

Title
November 16, 2018

Date

EXECUTION

CONFIDENTIAL

IN WITNESS WHEREOF, the Parties have caused this Agreement to be executed as of the date indicated below.

FIO Semiconductor Technologies, LLC


[Signature]

Date: _____

[Printed Name]

Title: _____

For Samsung Electronics Co., Ltd.



[Signature]

Date: 2018. 11. 15

YOO SEOK IC2M

[Printed Name]

Title: VP

Exhibit B
Transferred Patents

US7,224,624
US7,286,411
US7,315,480
US7,342,827
US7,348,267
US8,012,829
US8,097,531
US8,116,111
US8,110,834
US9,111,799
US9,224,429
US9,318,216
US7,626,230
US7,825,461
US8,404,578
US9,019,739

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