503612290 12/15/2015

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
CHAN SEOB SHIN	11/26/2015
HYOUNG JIN LIM	11/26/2015
KYOUNG WAN KIM	11/26/2015
YEO JIN YOON	11/26/2015
JACOB J RICHARDSON	10/07/2015
DANIEL ESTRADA	10/02/2015
EVAN C. O'HARA	10/07/2015
HAORAN SHI	10/05/2015

RECEIVING PARTY DATA

Name:	SEOUL SEMICONDUCTOR CO., LTD.
Street Address:	1B-25, 97-11, SANDAN-RO 163BEON-GIL
Internal Address:	DANWON-GU, GYEONGGI-DO
City:	ANSAN-SI
State/Country:	KOREA, REPUBLIC OF
Postal Code:	425-851

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14759603

CORRESPONDENCE DATA

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

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ATTORNEY DOCKET NUMBER:	P6565US00
NAME OF SUBMITTER:	HAE-CHAN PARK

PATENT 503612290 REEL: 037294 FRAME: 0742

SIGNATURE:	/hae-chan park/	
DATE SIGNED:	12/15/2015	
	This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 9		
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PATENT REEL: 037294 FRAME: 0743

ASSIGNMENT SERVING AS DECLARATION PER 37 C.F.R. § 1.63(e)

As a below named inventor and Assignor, I declare that: This assignment and declaration are directed to: United States application no. 14/759,603 filed on July 7, 2015, which is the national stage entry of PCT/KR2013/008598, filed on September 25, 2013, and which claims priority from: Korean Patent Application No. 10-2013-0001877, filed January 8, 2013. As amended on _____ (if applicable); The above-identified Application was made or authorized to be made by me. I believe that I am the original inventor or an original joint inventor of a claimed invention in the Application. I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or imprisonment of not more than five (5) years, or both. Whereas, Assignor has invented certain new and useful processes, machines, articles of manufacture, compositions of matter, and/or improvements thereof ("Invention") disclosed in the Application. Whereas, Assignor desires to convey all rights, titles, and interests in and to the same to: Seoul Semiconductor Co., Ltd. 1B-25, 97-11, Sandan-ro 163beon-gil Danwon-gu, Ansan-si 425-851 Gyeonggi-do Republic of Korea

Seoul Semiconductor Co., Ltd. herein further referred to as ("Assignee").

Now, for valuable consideration by Assignee to Assignor, the receipt of which is hereby acknowledged, and for other good and valuable consideration, Assignee and Assignor hereby agree as follows:

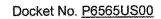
Assignor hereby conveys, assigns, sells and transfers to Assignee all rights, title and interests in and to the Invention disclosed in said application and in and to any Letters Patent of the United States (US), any continuation, division, renewal, or substitute thereof, and hereby grant to Assignee the right to apply in its own name for patents or Inventor's certificates and related rights heretofore or hereafter filed for the Invention in any and all countries, including (without limitation) all rights to claim priority based thereon, all patents granted thereon and all reissues, extensions and renewals thereof.

Assignor hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.

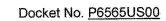
Assignor further covenants that Assignee will, upon Assignee's request, be provided promptly with all pertinent facts and documents relating to the Invention, Patent, Application and any patents granted thereon, as may be known and accessible to Assignor, and Assignor will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to Assignee or Assignee's legal representative any and all papers, instruments or affidavits required to apply for, protect, obtain, maintain, issue, defend and enforce the Application, Patent, Invention, whether in the US or any and all foreign countries and any patents granted thereon and/or for obtaining any reissue or reissues of any patent which may be granted for the invention and perform such further acts which may be necessary or desirable to carry out the intent of this agreement as the Assignee thereof shall hereafter require and prepare at assignee's expense.

IN WITNESS WHEREOF, Inventor and Assignor has hereunto set hand and seal.

First Inventor's and Assignor's Name:	Chan Seob SHIN
Address:	1B-25, 97-11, Sandan-ro 163beon-gil Danwon-gu, Ansan-si Gyeonggi-do Republic of Korea
First Inventor's and Assignor's Signature:	
Date:	
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Second Inventor's and Assignor's Signature:	
Date:	



Third Inventor's and Assignor's Name:	Kyoung Wan KIM
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Third Inventor's and Assignor's Signature:	
Date:	
Fourth Inventor's and Assignor's Name:	Yeo Jin YOON
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Fourth Inventor's and Assignor's Signature:	
Date:	
Fifth Inventor's and Assignor's Name	Jacob J RICHARDSON
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Fifth Inventor's and Assignor's Signature:	Just Pul
Date:	0/7/2015



Sixth Inventor's and Assignor's Name:	Daniel ESTRADA
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Sixth Inventor's and Assignor's Signature:	
Date:	
Seventh Inventor's and Assignor's Name:	Evan C. O'HARA
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Seventh Inventor's and Assignor's Signature:	In an
Date:	10/7/2015
Eighth Inventor's and Assignor's Name:	Haoran SHI
Address:	1B-25, 97-11, Sandan-ro 163beon-gil Danwon-gu, Ansan-si Gyeonggi-do Republic of Korea
Eighth Inventor's and Assignor's Signature:	
Date:	



Cocket No. <u>P6565US00</u>

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Sixth Inventor's and Assignor's Signatu	re: <u>Algorili (Altoral</u>
Oate:	10/02/15
Seventh Inventor's and Assignor's Name	e: Evan C O'HARA
Address:	
Seventh Inventor's and Assignor's Signature:	
Date:	
Date:	
Date: Eighth Inventor's and Assignor's Name:	Haoran SHI
	Haoran SHI 1B-25, 97-11, Sandan-ro 163beon-gil Danwon-gu, Ansan-si Gyeonggi-do Republic of Korea
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PATENT REEL: 037294 FRAME: 0748



Sixth Inventor's and Assignor's Signature:	
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Seventh Inventor's and Assignor's Signature:	
Date:	
Eighth Inventor's and Assignor's Name:	Haoran SHI
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Eighth Inventor's and Assignor's Signature:	
Date:	10-05-15

ASSIGNMENT SERVING AS DECLARATION PER 37 C.F.R. § 1.63(e)

As a below named inventor and Assignor, I declare that:

This assignment and declaration are directed to:

United States application no. 14/759,603 filed on July 7, 2015, which is the national stage entry of PCT/KR2013/008598, filed on September 25, 2013, and which claims priority from:

Korean Patent Application No. 10-2013-0001877, filed January 8, 2013.

• •		
As amended or		(if applicable)

The above-identified Application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the Application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. § 1001 by fine or imprisonment of not more than five (5) years, or both.

Whereas, Assignor has invented certain new and useful processes, machines, articles of manufacture, compositions of matter, and/or improvements thereof ("Invention") disclosed in the Application,

Whereas, Assignor desires to convey all rights, titles, and interests in and to the same to:

Seoul Semiconductor Co., Ltd. 1B-25, 97-11, Sandan-ro 163beon-gil Danwon-gu, Ansan-si 425-851 Gyeonggi-do Republic of Korea

Seoul Semiconductor Co., Ltd. herein further referred to as ("Assignee").

Now, for valuable consideration by Assignee to Assignor, the receipt of which is hereby acknowledged, and for other good and valuable consideration, Assignee and Assignor hereby agree as follows:

Assignor hereby conveys, assigns, sells and transfers to Assignee all rights, title and interests in and to the Invention disclosed in said application and in and to any Letters Patent of the United States (US), any continuation, division, renewal, or substitute thereof, and hereby grant to Assignee the right to apply in its own name for patents or Inventor's certificates and related rights heretofore or hereafter filed for the Invention in any and all countries, including (without limitation) all rights to claim priority based thereon, all patents granted thereon and all reissues, extensions and renewals thereof.

First Inventor's and Assignor's Name:

Docket No. P6565US00

Assignor hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this Assignment.

Assignor further covenants that Assignee will, upon Assignee's request, be provided promptly with all pertinent facts and documents relating to the Invention, Patent, Application and any patents granted thereon, as may be known and accessible to Assignor, and Assignor will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to Assignee or Assignee's legal representative any and all papers, instruments or affidavits required to apply for, protect, obtain, maintain, issue, defend and enforce the Application, Patent, Invention, whether in the US or any and all foreign countries and any patents granted thereon and/or for obtaining any reissue or reissues of any patent which may be granted for the invention and perform such further acts which may be necessary or desirable to carry out the intent of this agreement as the Assignee thereof shall hereafter require and prepare at assignee's expense.

IN WITNESS WHEREOF, Inventor and Assignor has hereunto set hand and seal.

Chan Seob SHIN

Address:	1B-25, 97-11, Sandan-ro 163beon-gil Danwon-gu, Ansan-si Gyeonggi-do Republic of Korea
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Second Inventor's and Assignor's Signature:	Am Min Jin
Date:	11, 26, 2015

Docket No. P6565US00

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Third Inventor's and Assignor's Signature:	JE E
Date:	20/t. 11. 26.
Fourth Inventor's and Assignor's Name:	Yeo Jin YOON
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Fourth Inventor's and Assignor's Signature:	2015. 11. Xb.
Date:	2015 · 11 · 26
Fifth Inventor's and Assignor's Name	Jacob J RICHARDSON
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Fifth Inventor's and Assignor's Signature:	
Date:	

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RECORDED: 12/15/2015