#### 505185243 11/11/2018

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5232012

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
JAEHYUNG LEE	11/05/2018
YEUL NA	11/05/2018
YOUNGSIK KIM	11/06/2018

### **RECEIVING PARTY DATA**

Name:	STRATIO	
Street Address:	2ND FLOOR, 106	
Internal Address:	MYEONGDAL-RO, SEOCHO-GU	
City:	SEOUL	
State/Country:	KOREA, REPUBLIC OF	
Postal Code:	06668	

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16184984

### **CORRESPONDENCE DATA**

Fax Number: (650)843-4001

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: 650 843 4000

Email: lata.olivier@morganlewis.com **Correspondent Name:** MORGAN LEWIS & BOCKIUS LLP

1400 PAGE MILL ROAD Address Line 1:

Address Line 4: PALO ALTO, CALIFORNIA 94304

ATTORNEY DOCKET NUMBER:	104238-5009-US	
NAME OF SUBMITTER:	TAE-WOONG KOO	
SIGNATURE:	/Tae-Woong Koo/	
DATE SIGNED:	11/11/2018	

### **Total Attachments: 3**

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> **PATENT REEL: 047468 FRAME: 0435** 505185243

# ASSIGNMENT

WHEREAS, WE, Jachyung Lee, residing in Palo Alto, CA; Yeul Na, residing in East Palo Alto, CA; and Youngsik Kim, residing in Seoul, Korea, ASSIGNORS, are the inventors of the invention in Methods for Forming a Germanium Island using Selective Epitaxial Growth and a Sacrificial Filling Layer, described in an application for a Patent of the United States
which is executed on even date herewith
which is identified by Morgan, Lewis & Bockius LLP docket no. 104238-5009-US
which was filed on, Application No
which claims priority on U.S. Provisional Patent Application No(s).
We hereby authorize and request our attorney, Tae-Woong Koo, of Morgan, Lewis & Bockius LLP, to insert here in parenthesis (Application number 16/184,984, filed November 8, 2018) the filing date and application number of said application when known.
and WHEREAS, Stratio, ASSIGNEE, having a place of business at 2nd floor, 106, Myeongdal-ro, Seocho-gu, Seoul 06668, Republic of Korea, is desirous of obtaining our entire right, title and interest in, to and under the said invention and the said application:
NOW, THEREFORE, let it be known that for and in consideration of the sum of One Dollar (\$1.00) to me paid, and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, we, the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, our entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and any substitute applications therefore, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; the said United States provisional patent application(s), if any, on which the said United States application claims priority; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application and said United States provisional patent application(s), if any, under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;
AND WE HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.
AND WE HEREBY covenant and agree that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.
AND WE HEREBY further covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.
IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our respective signatures.
Date Nov 5eth 2018  Jachyung Lee  L.S.
Date L.S.
Yeul Na

Youngsik Kim

DB2/ 35331016.1

# **ASSIGNMENT**

WHEREAS, WE, Jaehyung Lee, residing in Palo Alto, CA; Yeul Na, residing in East Youngsik Kim, residing in Seoul, Korea, ASSIGNORS, are the inventors of the invention in Me a Germanium Island using Selective Epitaxial Growth and a Sacrificial Filling Lay application for a Patent of the United States	thods for Forming		
which is executed on even date herewith			
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NOW, THEREFORE, let it be known that for and in consideration of the sum of One Dolla and other good and valuable consideration, the receipt and sufficiency of which are hereby acknow ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, our entire right to and under the said invention, and the said United States application and all divisions, renewa thereof, and any substitute applications therefore, and all Patents of the United States which may be all reissues and extensions thereof; the said United States provisional patent application(s), if any United States application claims priority; and all applications for industrial property protection limitation, all applications for patents, utility models, and designs which may hereafter be filed for country or countries foreign to the United States, together with the right to file such applications a for the same the priority rights derived from said United States application and said United State application(s), if any, under the Patent Laws of the United States, the International Convention Industrial Property, or any other international agreement or the domestic laws of the country application is filed, as may be applicable; and all forms of industrial property protection, including patents, utility models, inventors' certificates and designs which may be granted for said inventic countries foreign to the United States and all extensions, renewals and reissues thereof;	vledged, we, the said assign, transfer and the title and interest in, ls and continuations agranted thereon and y, on which the said including, without said invention in any and the right to claim es provisional patent for the Protection of in which any such g, without limitation,		
AND WE HEREBY authorize and request the Commissioner of Patents and Trademarks and any Official of any country or countries foreign to the United States, whose duty it is to is evidence or forms of industrial property protection on applications as aforesaid, to issue the same to its successors, legal representatives and assigns, in accordance with the terms of this instrument.	ssue patents or other		
AND WE HEREBY covenant and agree that we have full right to convey the entire interand that we have not executed, and will not execute, any agreement in conflict herewith.	rest herein assigned,		
AND WE HEREBY further covenant and agree that we will communicate to the successors, legal representatives and assigns, any facts known to us respecting said invention, and proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign application oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal represe to obtain and enforce proper protection for said invention in all countries.	d testify in any legal ons. make all rightful		
IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set op signatures.	posite our respective		
Date  Jaehyung Lee	L.S.		
Data 11/5/2018			
Date 11/5/2018 Yeur Na	L.S.		
_ <del></del>			
Date Youngsik Kim	L.S.		
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⊠ which is executed on ⊠ even date herewith
which is identified by Morgan, Lewis & Bockius LLP docket no. 104238-5009-US
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and WHEREAS, Stratio, ASSIGNEE, having a place of business at 2nd floor, 106, Myeongdal-ro, Seocho-gu, Seoul 06668, Republic of Korea, is desirous of obtaining our entire right, title and interest in, to and under the said invention and the said application:
NOW, THEREFORE, let it be known that for and in consideration of the sum of One Dollar (\$1.00) to me paid, and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, we, the said ASSIGNORS, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, our entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and any substitute applications therefore, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; the said United States provisional patent application(s), if any, on which the said United States application claims priority; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application and said United States provisional patent application(s). If any, under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;
AND WE HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.
AND WE HEREBY covenant and agree that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.
AND WE HEREBY further covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.
IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our respective signatures.
E.S.
DateL.S
1.8
DateL.S. Yeul Na
Date 11/6/2018 7504 L.S.  Youngsik Kim
Date 11/6/2018 7693 L.S.
Youngsik Kim

DB2/ 35331016.1

**PATENT REEL: 047468 FRAME: 0438** 

**RECORDED: 11/11/2018**