504546596 09/13/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4593304

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YOON SEOP LEE	08/11/2017
DA HYE KIM	08/07/2017
SANG HONG LEE	08/11/2017
BYOUNG KYU PARK	08/07/2017
DAE WOOK KIM	08/04/2017
JAE HYUN PARK	08/11/2017

RECEIVING PARTY DATA

Name:	SEOUL SEMICONDUCTOR CO., LTD.
Street Address:	97-11, SANDAN-RO 163BEON-GIL
Internal Address:	DANWON-GU, GYEONGGI-DO
City:	ANSAN-SI
State/Country:	KOREA, REPUBLIC OF
Postal Code:	15429

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15528023

CORRESPONDENCE DATA

Fax Number:

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: 703-544-9224

Email: patent@park-law.com

Correspondent Name: H.C. PARK & ASSOCIATES, PLC
Address Line 1: 1894 PRESTON WHITE DRIVE
Address Line 4: RESTON, VIRGINIA 20191

ATTORNEY DOCKET NUMBER:	P7241US00
NAME OF SUBMITTER:	HAE-CHAN PARK
SIGNATURE:	/Hae-Chan Park/
DATE SIGNED:	09/13/2017

PATENT REEL: 043580 FRAME: 0908

This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 14

source=P7241US00 Executed Assignment Serving as Declaration to be filed#page1.tif source=P7241US00 Executed Assignment Serving as Declaration to be filed#page3.tif source=P7241US00 Executed Assignment Serving as Declaration to be filed#page4.tif source=P7241US00 Executed Assignment Serving as Declaration to be filed#page5.tif source=P7241US00 Executed Assignment Serving as Declaration to be filed#page5.tif source=P7241US00 Executed Assignment Serving as Declaration to be filed#page6.tif source=P7241US00 Executed Assignment Serving as Declaration to be filed#page7.tif source=P7241US00 Executed Assignment Serving as Declaration to be filed#page8.tif source=P7241US00 Executed Assignment Serving as Declaration to be filed#page10.tif source=P7241US00 Executed Assignment Serving as Declaration to be filed#page11.tif source=P7241US00 Executed Assignment Serving as Declaration to be filed#page11.tif source=P7241US00 Executed Assignment Serving as Declaration to be filed#page12.tif source=P7241US00 Executed Assignment Serving as Declaration to be filed#page13.tif source=P7241US00 Executed Assignment Serving as Declaration to be filed#page13.tif source=P7241US00 Executed Assignment Serving as Declaration to be filed#page13.tif

PATENT REEL: 043580 FRAME: 0909

to:

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. <u>15/528,023</u> filed on <u>May 18, 2017</u> , which is
the national stage entry of PCT/KR2015	012428, filed on November 18, 2015, and which
claims priority from:	
Korean Patent Application No. 10-2014-	0161071, filed November 18, 2014 and
Korean Patent Application No. 10-2014-	
As amended on	(if applicable);
THE CONTRACT OF A CONTRACT OF	of a control of the advantage of the control of the

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

Seoul Semiconductor Co., Ltd. 97-11, Sandan-ro 163beon-gil Danwon-gu, Gyeonggi-do Ansan-si 15429 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:

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.

Your Sean LEE

The mornior of and stool grown of realities.	10011 0000 222
Address:	97-11, Sandan-ro 163beon-gil, Danwon-gu Ansan-si Gyeonggi-do 15429 Republic of Korea
First Inventor's and Assignor's Signature:	
Date:	
Second Inventor's and Assignor's Name:	Da Hye KIM
Address:	97-11, Sandan-ro 163beon-gil, Danwon-gu Ansan-si Gyeonggi-do 15429 Republic of Korea
Second Inventor's and Assignor's Signature:	16 AAC.
Date:	2017. 08.07



Third inventor's and Assignor's Name.	Sang Hong LLL
Address:	97-11, Sandan-ro 163beon-gil, Danwon-gu Ansan-si Gyeonggi-do 15429 Republic of Korea
Third Inventor's and Assignor's Signature:	
Date:	
Fourth Inventor's and Assignor's Name:	Byoung Kyu PARK
Address:	97-11, Sandan-ro 163beon-gil, Danwon-gu Ansan-si Gyeonggi-do 15429 Republic of Korea
Fourth Inventor's and Assignor's Signature:	
Date:	2017.08.07
Fifth Inventor's and Assignor's Name	Dae Wook KIM
Address:	97-11, Sandan-ro 163beon-gil, Danwon-gu Ansan-si Gyeonggi-do 15429 Republic of Korea
Fifth Inventor's and Assignor's Signature:	
Date:	2010. 8.4



Sixth Inventor's and Assignor's Name:

Docket No. <u>P7241US00</u>

Address:	97-11, Sandan-ro 163beon-gil Danwon-gu Ansan-si Gyeonggi-do 15429 Republic of Korea
Sixth Inventor's and Assignor's Signature:	
Date:	2011 2.11

Jae Hyun PARK

Attorney's Docket No.: P7241US00

ASSIGNMENT

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

DEVICE been file of <u>PCT//</u> Korean I	AND 'ed on M KR2018 Patent	VEHI 1ay 1 5/012 Appli	8, 201 428, fil cation	R LA l <u>7</u> , and led or No. <u>1</u>	MP (d acc n <u>No</u> 10-20	compounded corded vember 014-01	RISIN I U.S. er 18, 2 61071	G SA Appl. 2015, , filed	ME(No. : and i	"Appli 1 <u>5/52</u> which <u>embe</u>	icatic 8,02; clair r 18,	on"), s 3; whi ns pri 2014	aid ap ch is a ority fr	plica a nat	ition h	aving
[issued ('		-	which	Unite	ed St	ates L	etters	Pate	nt, Pa	tent N	Numk	er				has
V to:	Vherea	s, As	signor	desi	res t	o con	vey all	l right	ts, title	es, ar	nd in	terest	s in ai	nd to	the s	same
				97- Da Gy	-11, inwo eong	Sanda n-gu, .	ondu in-ro 1 Ansan 15429	63be -si	•							

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

Attorney's Docket No.: P7241US00

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, Assignor has hereunto set hand and seal.

First Inventor's Name:	Yoon Seop LEE / by (name of representative executing the form)
Address:	97-11, Sandan-ro 163beon-gil Danwon-gu, Ansan-si Gyeonggi-do 15429 Republic of Korea
First Inventor's Signature:	Your Seop LEE by Daesung ChoBes-
Date:	Aug. 11.2017.
Second Inventor's Name:	Sang Hong LEE / by (name of representative executing the form)
Address:	97-11, Sandan-ro 163beon-gil Danwon-gu, Ansan-si Gyeonggi-do 15429 Republic of Korea
Second Inventor's Signature:	Sang Hong Lee by Dassing Choker
Date:	Aug 11 2017!



Declaration to Execute Assignment Documents for Unavailable Inventor

I submit this declaration based upon personal knowledge of the facts herein.

In accordance with the employee invention compensation regulation based on Articles 2, 10 and 12 of the Invention Promotion Act of Republic of Korea and contractual agreement(s) with SEOUL SEMICONDUCTOR CO., LTD. ("Assignee"), the following inventor/ assignor was an employee of Assignee and is obligated under Korea law to assign all rights in and to the following patent application to Assignee.

Title of Invention: LIGHT EMITTING DEVICE AND VEHICULAR LAMP COMPRISING SAME U.S. Application No. 15/528,023, filed on May 18, 2017, which is a national stage of PCT/KR2015/012428, filed on November 18, 2015, and which claims priority from:

Korean Patent Application No. <u>10-2014-0161071</u>, filed <u>November 18, 2014</u>. Korean Patent Application No. <u>10-2014-0161072</u>, filed <u>November 18, 2014</u>.

First Assignor

Name: Yoon Seop LEE

Address: 97-11, Sandan-ro 163beon-gil, Danwon-gu

Ansan-si Gyeonggi-do 15429

Republic of Korea

Second Assignor

Name: Sang Hong LEE

Address: 97-11, Sandan-ro 163beon-gil, Danwon-gu

Ansan-si Gyeonggi-do 15429

Republic of Korea

Moreover, I diligently attempted to contact the above-identified inventor/assignor at his last known address, but have not been successful. Accordingly, and pursuant to Korean law, I am authorized to sign the attached Assignment on behalf of this inventor/assignor.

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.

Executed on behalf of SEOUL SEMICONDUCTOR CO., LTD. at Ansan-si, Gyeonggi-do, Republic of Korea on the date indicated below.

Ву:

Signature

Name

Title

Date

Doc code: Oath

Document Description: Oath or declaration filed

Approved for use through 04/39/2017. OMB 0651-0032 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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SUBSTITUTE STATEMENT IN LIEU OF AN OATH OR DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (35 U.S.C. 115(d) AND 37 CFR 1.64)

United States application or PGT international application number								
OR United States application or PCT international application number 15/528,023 filed on May 1 LEGAL NAME of inventor to whom this substitute statement applies: (E.g., Given Name (first and middle (if any)) and Family Name or Surname)								
United States application or PCT international application number 15/528,023 filed on May 1 LEGAL NAME of inventor to whom this substitute statement applies: (E.g., Given Name (first and middle (if any)) and Family Name or Surname)								
LEGAL NAME of inventor to whom this substitute statement applies: (E.g., Given Name (first and middle (if any)) and Family Name or Surname)								
	8, 2017							
Voon Sean I FF								
100th 000p LLL								
Residence (except for a deceased or legally incapacitated inventor):								
State Country KR								
Mailing Address (except for a deceased or legally incapacitated inventor): 97-11, Sandan-ro 163beon-gil, Danwon-gu, Gyeonggi-do								
City Ansan-si State Zip 15429 Country I	<r< th=""></r<>							
I believe the above-named inventor or joint inventor to be the original inventor or an original joint inventor of a claim in the application.	ned invention							
The above-identified application was made or authorized to be made by me.								
I hereby acknowledge that any willful false statement made in this statement is punishable under 18 U.S.C. 1001 b imprisonment of not more than five (5) years, or both.	y fine or							
Relationship to the inventor to whom this substitute statement applies:								
Legal Representative (for deceased or legally incapacitated inventor only),								
Assignee,								
Person to whom the inventor is under an obligation to assign,								
Person who otherwise shows a sufficient proprietary interest in the matter (petition under 37 CFR 1.46 is	required), or							
Joint Inventor.								

[Page 1 of 2]

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 1 minute to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450, DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, cell 1-800-PTO-9199 and select option 2.

SUBSTITUTE STATEMENT

<u> </u>						
Circumstances permitting execution of this s	ubstitute statement:					
Inventor is deceased,	Inventor is deceased,					
Inventor is under legal incapacity,	Inventor is under legal incapacity,					
Inventor cannot be found or reache	Inventor cannot be found or reached after diligent effort, or					
Inventor has refused to execute the	Inventor has refused to execute the oath or declaration under 37 CFR 1.63.					
If there are joint inventors, please check the	there are joint inventors, please check the appropriate box below:					
An application data sheet under 37 or is currently submitted.	An application data sheet under 37 CFR 1.76 (PTO/AIA/14 or equivalent) naming the entire inventive entity has been or is currently submitted.					
OR						
An application data sheet under 37 CFR 1.76 (PTO/AIA/14 or equivalent) has not been submitted. Thus, a Substitute Statement Supplemental Sheet (PTO/AIA/11 or equivalent) naming the entire inventive entity and providing inventor information is attached. See 37 CFR 1.64(b).						
	WARNING:					
Petitioner/applicant is cautioned to avoid subnicontribute to identify theft. Personal information (other than a check or credit card authorization to support a petition or an application. If this typetitioners/applicants should consider redacting USPTO. Petitioner/applicant is advised that the application (unless a non-publication request in patent. Furthermore, the record from an abaniceferenced in a published application or an issepto-2038 submitted for payment purposes an	on such as social security number form PTO-2038 submitted for type of personal information is in a gruch personal information is in the record of a patent application compliance with 37 CFR 1.2 idened application may also be used patent (see 37 CFR 1.14).	bers, bank account numbers, bank account numbers, bank and in documents so om the documents befor n is available to the publication is made in the apple available to the publication. Checks and credit care	pers, or credit card numbers ever required by the USPTO abmitted to the USPTO, e submitting them to the ic after publication of the lication) or issuance of a fithe application is			
PERSON EXECUTING THIS SUBSTITUTE S	TATEMENT:					
Name: Decuyy Cho			Aug. 23, 2017- Date (Optional):			
Signature:						
APPLICANT NAME AND TITLE OF PERSON EXECUTING THIS SUBSTITUTE STATEMENT:						
If the applicant is a juristic entity, list the applic SEOUL SEMICOND Applicant Name:		gner:				
Title of Person Executing						
This Substitute Statement: The signer, whose title is supplied above, is a	uthorized to act on behalf of th	e applicant.				
Residence of the signer (unless provided i	n an application data sheet,					
_{city} Ansan-si	State		olic of Korea			
Mailing Address of the signer (unless prov	vided in an application data s	sheet, PTO/AIA/14 or e	quivalent)			
97-11, Sandan-ro 163beon-gil Danwon-gu, Gyeonggi-do						
_{city} Ansan-si	State	z _{ip} 15429	Republic of Korea			
Note: Use an additional PTO/AIA/02 form for		г, гедану інсараснавец, с 17 спр. з 63	samue de sound di Teachieu			

[Page 2 of 2]

Privacy Act Statement

The Privacy Act of 1974 (P.L. 93-579) requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

- 1. The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
- A record from this system of records may be disclosed, as a routine use, in the course of
 presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to
 opposing counsel in the course of settlement negotiations.
- A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record.
- 4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
- 5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
- A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
- 7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
- 8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
- A record from this system of records may be disclosed, as a routine use, to a Federal. State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

PATENT REEL: 043580 FRAME: 0920 Doc code: Oath

Document Description: Oath or declaration filed

Approved for use through 04/30/2017. OMB 0551-0032 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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SUBSTITUTE STATEMENT IN LIEU OF AN OATH OR DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (35 U.S.C. 115(d) AND 37 CFR 1.64)

Title of Invention	LIGHT EMITTING DEVICE AND VEHICULAR LAMP COMPRISING SAME					
This stateme	ent is directed to:					
The attached application,						
OR	Number 1					
United States application or PCT international application number 15/528,023 filed on May 18, 2017.						
orated deates application of 1 of streament application and application and application of the streament application of the streament application and applicat						
	ME of inventor to whom this su		lies:			
	Name (first and middle (if any)) and F	amily Name or Surname)				
Sang Hong LEE						
Residence (except for a deceased or legally incapacitated inventor):						
_{city} Ans	an-si	State	Country KR			
Mailing Address (except for a deceased or legally incapacitated inventor): 97-11, Sandan-ro 163beon-gil, Danwon-gu, Gyeonggi-do						
_{city} Ans	an-si	State	_{zip} 15429	Country KR		
I believe the above-named inventor or joint inventor to be the original inventor or an original joint inventor of a claimed invention in the application.						
The above-identified application was made or authorized to be made by me.						
I hereby acknowledge that any willful false statement made in this statement is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.						
Relationship to the inventor to whom this substitute statement applies:						
Legal Representative (for deceased or legally incapacitated inventor only),						
Assignee,						
Person to whom the inventor is under an obligation to assign,						
Person who otherwise shows a sufficient proprietary interest in the matter (petition under 37 CFR 1.46 is required), or						
Joint Inventor.						

[Page 1 of 2]

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 1 minute to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PTO/SE/AIA02 (07-13)

Approved for use through 01/31/2014. OMB 0681-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

SUBSTITUTE STATEMENT

*************************************		~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~			
Circumstances permitting execution of this suf	ostitute statement:				
Inventor is deceased,					
Inventor is under legal incapacity,					
Inventor cannot be found or reached after diligent effort, or					
Inventor has refused to execute the oath or declaration under 37 CFR 1.63.					
If there are joint inventors, please check the appropriate box below:					
An application data sheet under 37 CFR 1.76 (PTO/AIA/14 or equivalent) naming the entire inventive entity has been or is currently submitted.					
OR					
An application data sheet under 37 CFR 1.76 (PTO/AIA/14 or equivalent) has not been submitted. Thus, a Substitute Statement Supplemental Sheet (PTO/AIA/11 or equivalent) naming the entire inventive entity and providing inventor information is attached. See 37 CFR 1.64(b).					
	WARNING:				
Petitioner/applicant is cautioned to avoid submitting personal information in documents filed in a patent application that may contribute to identify theft. Personal information such as social security numbers, bank account numbers, or credit card numbers (other than a check or credit card authorization form PTO-2038 submitted for payment purposes) is never required by the USPTO to support a petition or an application. If this type of personal information is included in documents submitted to the USPTO, petitioners/applicants should consider redacting such personal information from the documents before submitting them to the USPTO. Petitioner/applicant is advised that the record of a patent application is available to the public after publication of the application (unless a non-publication request in compliance with 37 CFR 1.213(a) is made in the application) or issuance of a patent. Furthermore, the record from an abandoned application may also be available to the public if the application is referenced in a published application or an issued patent (see 37 CFR 1.14). Checks and credit card authorization forms PTO-2038 submitted for payment purposes are not retained in the application file and therefore are not publicly available.					
PERSON EXECUTING THIS SUBSTITUTE STATEMENT:					
Name: Poesing Cho	Avg 1 207 Date (Optional):				
Signature:					
APPLICANT NAME AND TITLE OF PERSON B					
If the applicant is a juristic entity, list the applicant name and the title of the signer:					
SEOUL SEMICONDUCTOR CO., LTD. Applicant Name:					
Title of Person Executing					
This Substitute Statement: The signer, whose title is supplied above, is authorized to act on behalf of the applicant.					
Residence of the signer (unless provided in an application data sheet, PTO/AIA/14 or equivalent):					
_{city} Ansan-si	State	_{country} Republic of Korea			
Mailing Address of the signer (unless provided in an application data sheet, PTO/AIA/14 or equivalent)					
97-11, Sandan-ro 163beon-gil					
Danwon-gu, Gyeonggi-do					
	State	Zip 15429 Country Republic of Korea			
Note: Use an additional PTO/AIA/02 form for each inventor who is deceased, legally incapacitated, cannot be found or reached after diligent effort, or has refused to execute the oath or declaration under 37 CFR 1.63.					

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Privacy Act Statement

The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

- The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
- A record from this system of records may be disclosed, as a routine use, in the course of
 presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to
 opposing counsel in the course of settlement negotiations.
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- A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
- 7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
- 8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
- A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.

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