PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DUK-KYU BAE	01/11/2017
YOUNG-BOO MOON	01/11/2017
YONGJO PARK	01/11/2017

RECEIVING PARTY DATA

Name:	HEXASOLUTION CO., LTD.	
Street Address:	9F., C DONG, 145, GWANGGYO-RO, YEONGTONG-GU, SUWON-SI	
City:	GYEONGGI-DO	
State/Country:	KOREA, REPUBLIC OF	
Postal Code:	443-270	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15326256

CORRESPONDENCE DATA

Fax Number: (312)637-3006

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: (312) 637-3005

Email: Ifriedman@hahnlaw.com

L. FRIEDMAN/HAHN LOESER & PARKS, LLP - CHICAGO **Correspondent Name:**

Address Line 1: 125 SOUTH WACKER DRIVE

Address Line 2: **SUITE 2900**

Address Line 4: CHICAGO, ILLINOIS 60606

ATTORNEY DOCKET NUMBER:	213464/1
NAME OF SUBMITTER:	L. FRIEDMAN
SIGNATURE:	/lfriedman/
DATE SIGNED: 01/13/2017	
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 3

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> **PATENT REEL: 040965 FRAME: 0173**

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PATENT REEL: 040965 FRAME: 0174

Dkt. No. 213464/1

INVENTOR DECLARATION/ASSIGNMENT

As a below-named inventor, I hereby declare that:

This declaration is directed to international application no. PCT/KR2015/006263, filed on 19 June 2015 and entitled Substrate Structure, Method for Forming Same, and Method for Manufacturing Nitride Semiconductor Using Same.

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

I am the original inventor or an original joint inventor of the claimed invention in the above-identified application.

I acknowledge the duty to disclose to the USPTO all information known to me to be material to patentability of the above-identified application as defined in 37 C.F.R. §1.56.

I 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 years, or both.

For valuable consideration, adequacy and receipt of which is hereby acknowledged, I have assigned and do hereby assign to Hexasolution Co., Ltd., a company organized under the laws of the Republic of Korea and having an office at 9F., C Dong, 145, Gwanggyo-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do 443-270 Republic of Korea, its successors and assigns, the entire right, title and interest of me in the above-identified application no. PCT/KR2015/006263; and in and to all present and future applications for patents and Letters Patent therefor, including Convention and Treaty rights of all kinds, in all countries throughout the world, for all such subject matter, including all divisions, reissues, continuations in whole or in part, renewals, substitutes, and extensions of said applications for patent and Letters Patent, and all rights of priority resulting from the filing of the aboveidentified international application.

I agree to sign all documents as may be necessary to secure and enforce all said applications and Letters Patent and rights, including any reissue thereof, and as may be necessary in any contested proceedings in which said applications or patents issued therefrom may become involved, and I request issuance of all said Letters Patent to the above assignee in accordance with this assignment. C/Wew_(signature)

Date: 11. Jan. 20/1

BAE, Duk-Kyu

4201-1201, 11, Dongbaek 2-ro,

Giheung-gu, Yongin-si, Gyeonggi-do 446-916

Republic of Korea Nationality: KR

> PATENT REEL: 040965 FRAME: 0175

Dkt. No. 213464/1

INVENTOR DECLARATION/ASSIGNMENT

As a below-named inventor, I hereby declare that:

This declaration is directed to international application no. PCT/KR2015/006263, filed on 19 June 2015 and entitled Substrate Structure, Method for Forming Same, and Method for Manufacturing Nitride Semiconductor

Using Same.

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application.

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hereby assign to Hexasolution Co., Ltd., a company organized under the laws of the Republic of Korea and having

an office at 9F., C Dong, 145, Gwanggyo-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do 443-270 Republic of Korea,

its successors and assigns, the entire right, title and interest of me in the above-identified application no.

PCT/KR2015/006263; and in and to all present and future applications for patents and Letters Patent therefor,

including Convention and Treaty rights of all kinds, in all countries throughout the world, for all such subject

matter, including all divisions, reissues, continuations in whole or in part, renewals, substitutes, and extensions of

said applications for patent and Letters Patent, and all rights of priority resulting from the filing of the above-

identified international application.

I agree to sign all documents as may be necessary to secure and enforce all said applications and Letters

Patent and rights, including any reissue thereof, and as may be necessary in any contested proceedings in which

said applications or patents issued therefrom may become involved, and I request issuance of all said Letters Patent

to the above assignee in accordance with this assignment.

Date: 76 16. 1. 11

_(signature)

MOON, Young-Boo

205-1302, 15, Yonggu-daero 2518beon-gil,

Giheung-gu, Yongin-si, Gyeonggi-do 446-566

Republic of Korea

Nationality: KR

PATENT REEL: 040965 FRAME: 0176

Dkt. No. 213464/1

INVENTOR DECLARATION/ASSIGNMENT

As a below-named inventor, I hereby declare that:

This declaration is directed to international application no. PCT/KR2015/006263, filed on 19 June 2015 and entitled Substrate Structure, Method for Forming Same, and Method for Manufacturing Nitride Semiconductor Using Same.

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

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I acknowledge the duty to disclose to the USPTO all information known to me to be material to patentability of the above-identified application as defined in 37 C.F.R. §1.56.

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For valuable consideration, adequacy and receipt of which is hereby acknowledged, I have assigned and do hereby assign to **Hexasolution Co., Ltd.**, a company organized under the laws of the Republic of Korea and having an office at 9F., C Dong, 145, Gwanggyo-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do 443-270 Republic of Korea, its successors and assigns, the entire right, title and interest of me in the above-identified application no. PCT/KR2015/006263; and in and to all present and future applications for patents and Letters Patent therefor, including Convention and Treaty rights of all kinds, in all countries throughout the world, for all such subject matter, including all divisions, reissues, continuations in whole or in part, renewals, substitutes, and extensions of said applications for patent and Letters Patent, and all rights of priority resulting from the filing of the above-identified international application.

I agree to sign all documents as may be necessary to secure and enforce all said applications and Letters Patent and rights, including any reissue thereof, and as may be necessary in any contested proceedings in which said applications or patents issued therefrom may become involved, and I request issuance of all said Letters Patent to the above assignee in accordance with this assignment.

Date: Jan 11, 2017

greyfie Rule (signature)

PARK, Yongjo

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Republic of Korea Nationality: KR

PATENT REEL: 040965 FRAME: 0177

RECORDED: 01/13/2017