

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4748869

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HEE-CHANG PARK	12/11/2017
DONG-WON YUN	12/11/2017
JUN-HO SEO	12/11/2017
JUNSEOK NAM	12/11/2017
MI-YEON LEE	12/11/2017
JEONG-SOO KIM	12/11/2017

RECEIVING PARTY DATA

Name:	KOREA INSTITUTE OF MACHINERY & MATERIALS
Street Address:	156, GAJEONGBUK-RO, YUSEONG-GU,
City:	DAEJEON
State/Country:	KOREA, REPUBLIC OF
Postal Code:	34103
Name:	INDUSTRIAL COOPERATION FOUNDATION OF CHONBUK NATIONAL UNIVERSITY
Street Address:	567 BAEKJE-DAERO, DEOKJIN-GU, JEOLLABUK-DO
City:	JEONJU-SI
State/Country:	KOREA, REPUBLIC OF
Postal Code:	54896

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15739418

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: 703-263-9390**Email:** lex1233@lexipgroup.com**Correspondent Name:** LEX IP MEISTER, PLLC**Address Line 1:** 5180 PARKSTONE DRIVE, SUITE 175**Address Line 4:** CHANTILLY, VIRGINIA 20151**PATENT**

ATTORNEY DOCKET NUMBER:	PPP20173085US
NAME OF SUBMITTER:	JONGWON KIM
SIGNATURE:	/jwkim/
DATE SIGNED:	12/22/2017
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 4 source=PPP20173085US_DEC_ASSIGN#page1.tif source=PPP20173085US_DEC_ASSIGN#page2.tif source=PPP20173085US_DEC_ASSIGN#page3.tif source=PPP20173085US_DEC_ASSIGN#page4.tif	

COMBINED DECLARATION AND ASSIGNMENT (37 CFR 1.63)

As the below named inventor, I hereby declare that this Declaration is directed to:

TITLE: DUAL FREQUENCY POWER-DRIVEN INDUCTIVELY COUPLED PLASMA TORCH, AND APPARATUS FOR GENERATING NANOPARTICLE USING THE SAME

the specification of which: (complete (a), (b) or (c))

(a) is attached hereto.

(b) was filed in the U.S. Patent & Trademark Office on _____ and assigned Serial No.: _____ and was amended on _____ (if applicable).

(c) was described and claimed in PCT International Application No. PCT/KR2016/006719 filed on June 23, 2016 and as amended under PCT Article on _____ (if any).

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.

WHEREAS,

ASSIGNEE: KOREA INSTITUTE OF MACHINERY & MATERIALS

ADDRESS: 156, Gajeongbuk-Ro, Yuseong-Gu, Daejeon 34103, Republic of Korea

ASSIGNEE: INDUSTRIAL COOPERATION FOUNDATION OF CHONBUK NATIONAL UNIVERSITY

ADDRESS: 567 Baekje-daero, Deokjin-gu, Jeonju-si, Jeollabuk-do 54896, Republic of Korea

are desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries.

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I, by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me had this Assignment and sale not been made.

Further, I agree that I will communicate to said ASSIGNEE or its (his) representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.

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.

Address all correspondence and telephone calls to LEX IP MEISTER, PLLC., 5180 Parkstone Drive, Suite 175, Chantilly, Virginia 20151; Telephone: (703) 263-9390; Fax: (703) 263-9361, Customer No. 66390.

FIRST INVENTOR: _____

Signature: Hee-Chang PARK  Date: 12/11/2017

SECOND INVENTOR: _____

Signature: Dong-Won YUN  Date: 12/11/2017

THIRD INVENTOR: _____

Signature: Jun-Ho SEO Date: _____

FOURTH INVENTOR: _____

Signature: Junseok NAM Date: _____

FIFTH INVENTOR: _____

Signature: Mi-Yeon LEE Date: _____

SIXTH INVENTOR: _____

Signature: Jeong-Soo KIM Date: _____

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FIRST INVENTOR: _____

Signature: Hee-Chang PARK Date: _____

SECOND INVENTOR: _____

Signature: Dong-Won YUN Date: _____

THIRD INVENTOR: _____

Signature: Jun-Ho SEO  Date: 2017. 12. 11

FOURTH INVENTOR: _____

Signature: Junseok NAM  Date: 2017. 12. 11

FIFTH INVENTOR: _____

Signature: Mi-Yeon LEE  Date: 2017. 12. 11

SIXTH INVENTOR: _____

Signature: Jeong-Soo KIM  Date: 2017. 12. 11