

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
YIGUANG JU	10/14/2016
SANG HEE WON	12/05/2016
WEIQI SUN	01/16/2017
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<b>Postal Code:</b>	08544
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15301590
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<b>ATTORNEY DOCKET NUMBER:</b>	300075WOUS01-33704-232142
<b>NAME OF SUBMITTER:</b>	GARY ABELEV
<b>SIGNATURE:</b>	/s/ Gary Abelev
<b>DATE SIGNED:</b>	02/02/2017
<b>Total Attachments: 5</b>	
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A S S I G N M E N T

WHEREAS, WE,

**YIGUANG JU**  
77 Christopher Drive  
Princeton, New Jersey 08540

Citizenship:

**SANG HEE WON**  
3292 Cypress Court  
Monmouth Junction, New Jersey 08852

Citizenship:

**WEIQI SUN**  
11 Lawrence Drive, Apt. 407  
Princeton, New Jersey 08540

Citizenship:

have made an invention entitled "PROCESS FOR GENERATING COOL FRAME AND FLAMELESS FUEL OXIDATION USING NON-EQUILIBRIUM PLASMA ACTIVATION", as set forth and described in U.S. National Phase Patent Application No. 15/301,590 filed on October 3, 2016 with the United States Patent and Trademark Office; and

WHEREAS, THE TRUSTEES OF PRINCETON UNIVERSITY, a not-for-profit organization having an office for the transaction of business at 87 Prospect Avenue, Princeton, New Jersey 08544, is desirous of acquiring our entire right, title and interest in and to said invention, and in and to the said application for Letters Patent therefor, and any Letters Patent which may be obtained therefor;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, BE IT KNOWN, that WE, the YIGUANG JU, SANG HEE WON and WEIQI SUN for and in consideration of the sum of One Dollar (\$1.00), lawful money of the United States, to us in hand paid by said THE TRUSTEES OF PRINCETON UNIVERSITY, and other valuable considerations unto us moving from said THE TRUSTEES OF PRINCETON UNIVERSITY, at or before the ensembling and delivery of these presents, the receipt of which is hereby acknowledged, have sold, assigned, transferred and conveyed and by these presents do sell, assign, transfer and convey, unto said THE TRUSTEES OF PRINCETON UNIVERSITY, its successors and assigns, the entire right, title and interest in and to the said invention entitled "PROCESS FOR GENERATING COOL FRAME AND FLAMELESS FUEL OXIDATION USING NON-EQUILIBRIUM PLASMA

AND FLAMELESS FUEL OXIDATION USING NON-EQUILIBRIUM PLASMA ACTIVATION”, as set forth and described in U.S. National Phase Patent Application No. 15/301,590 filed on October 3, 2016 with the United States Patent and Trademark Office, and in and to said application and any application claiming priority therefrom, and any non-provisional application, division, continuation or continuation-in-part thereof, and in and to any Letters Patent of the United States which may be issued on any of said applications, and any reissues thereof, and in and to any and all applications for Letters Patent filed in foreign countries for said invention, including all priority rights under the Paris Convention, and any and all Letters Patent which may be granted in foreign countries therefor, TO HAVE AND TO HOLD THE SAME to the full end of the term or terms for which any and all said Letters Patent may be granted;

AND WE, the said YIGUANG JU, SANG HEE WON and WEIQI SUN, do hereby authorize and request the Commissioner of Patents and Trademarks to issue the said Letters Patent of the United States to said THE TRUSTEES OF PRINCETON UNIVERSITY, as the assignee of the entire right, title and interest in and to the same, for the sole use and benefit of said THE TRUSTEES OF PRINCETON UNIVERSITY, its successors and assigns;

AND WE, the said YIGUANG JU, SANG HEE WON and WEIQI SUN, for the considerations aforesaid, do hereby covenant and agree to and with said THE TRUSTEES OF PRINCETON UNIVERSITY, its successors and assigns, that we have the full power to make this assignment, and that the rights assigned are not encumbered by any grant, license or right heretofore given, and that we, our executors or administrators, shall and will do all lawful acts and things and make, execute and deliver without further compensation, any and all other instruments in writing, further applications, papers, affidavits, powers of attorney, assignments, and other documents which, in the opinion of counsel for said THE TRUSTEES OF PRINCETON UNIVERSITY, its successors and assigns, may be required or necessary to more effectively secure to and vest in said THE TRUSTEES OF PRINCETON UNIVERSITY, its successors and assigns, the entire right, title and interest in and to said invention, applications, Letters Patent, rights, benefits, privileges and advantages hereby sold, assigned, transferred and conveyed, and that we will sign any applications for reissue which may be desired by the owner of the patent or patents which may be issued for the said invention.

IN WITNESS WHEREOF, YIGUANG JU, SANG HEE WON and WEIQI SUN, have hereunto set our hands and seals on the date below written.

Oct. 14, 2016  
Date

Yiguang Ju  
YIGUANG JU

Witness 1

Name: Kathy Opitz

Signature: Kathy Opitz

Date: 10/14/16

Witness 2

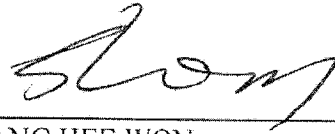
Name: Louis Biehl

Signature: Louis Biehl

Date: 10/14/16

12/5/2016


Date



SANG HEE WON

Witness 1

Name: TANVIR FARUK

Signature: 

Date: DEC 5, 2016

Witness 2

Name: Misty O'Donnell

Signature: 

Date: 12/5/16

01/16/2017  
Date

WeiQi Sun  
WEIQI SUN

Witness 1

Name: Yakang Xing

Signature: Yakang Xing

Date: 01/16/2017

Witness 2

Name: Meng Feng

Signature: Meng

Date: 01/16/2017