

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3658224

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
YONG JAI CHO	10/20/2015
WON CHEGAL	10/20/2015
HYUN MO CHO	10/20/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	KOREA RESEARCH INSTITUTE OF STANDARDS AND SCIENCE
<b>Street Address:</b>	267, GAJEONG-RO, YUSEONG-GU
<b>City:</b>	DAEJEON
<b>State/Country:</b>	KOREA, REPUBLIC OF
<b>Postal Code:</b>	34113
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14969096
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(412)945-5933
<i>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.</i>	
<b>Phone:</b>	412-471-8815
<b>Email:</b>	assignments@webblaw.com
<b>Correspondent Name:</b>	THE WEBB LAW FIRM, P.C.
<b>Address Line 1:</b>	ONE GATEWAY CENTER
<b>Address Line 2:</b>	420 FT. DUQUESNE BLVD, SUITE 1200
<b>Address Line 4:</b>	PITTSBURGH, PENNSYLVANIA 15222
<b>ATTORNEY DOCKET NUMBER:</b>	5038-1511134
<b>NAME OF SUBMITTER:</b>	RICHARD L. BYRNE
<b>SIGNATURE:</b>	/richard l byrne/
<b>DATE SIGNED:</b>	12/15/2015
<b>Total Attachments: 4</b>	
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RECORDATION FORM COVER SHEET  
**PATENTS ONLY**

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

**1. Name of conveying party(ies)**

Yong Jai CHO  
Won CHEGAL  
Hyun Mo CHO

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

**3. Nature of conveyance/Execution Date(s):**

Execution Date(s) October 20, 2015

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Joint Research Agreement  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other \_\_\_\_\_

**2. Name and address of receiving party(ies)**

Name: Korea Research Institute of Standards and Science

Internal Address: \_\_\_\_\_

Street Address: 267, Gajeong-ro, Yuseong-gu,

City: Daejeon

State: \_\_\_\_\_

Country: REPUBLIC OF KOREA Zip: 34113

Additional name(s) & address(es) attached? ☐ Yes ☒ No

**4. Application or patent number(s):**

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

A. Patent Application No.(s)

14/969,096

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

**5. Name and address to whom correspondence concerning document should be mailed:**

Name: Richard L. Byrne

Internal Address: The Webb Law Firm

Street Address: One Gateway Center  
420 Ft. Duquesne Blvd., Ste 1200

City: Pittsburgh

State: PA Zip: 15222

Phone Number: 412-471-8815

Docket Number: 5038 - 1511134

Email Address: assignments@webblaw.com

**6. Total number of applications and patents involved: 1**

**7. Total fee (37 CFR 1.21(h) & 3.41) \$0**

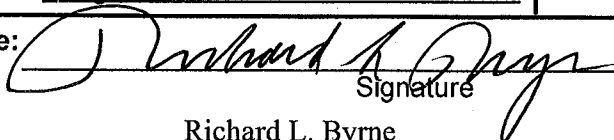
- ☐ Authorized to be charged to deposit account  
☐ Enclosed  
☐ None required (government interest not affecting title)

**8. Payment Information**

Deposit Account Number \_\_\_\_\_

Authorized User Name \_\_\_\_\_

**9. Signature:**

  
Signature

December 15, 2015

Date

Richard L. Byrne  
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

4

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

Application No. \_\_\_\_\_

Attorney Docket No. \_\_\_\_\_

**ASSIGNMENT**

WHEREAS, as a below named inventor, I have invented certain new and useful improvements in

ROTATING-ELEMENT SPECTROSCOPIC ELLIPSOMETER AND METHOD FOR  
MEASUREMENT PRECISION PREDICTION OF ROTATING-ELEMENT SPECTROSCOPIC  
ELLIPSOMETER, AND RECORDING MEDIUM STORING PROGRAM FOR EXECUTING  
THE SAME, AND RECORDING MEDIUM STORING PROGRAM FOR EXECUTING THE  
SAME

\_\_\_\_\_  
(Invention Title)

☒ for which I have this day executed an application for a United States Patent (hereinafter "said application").

AND/OR

☐ for which an application for a United States Patent was filed on \_\_\_\_\_ (mm/dd/yyyy) and bears Application Number \_\_\_\_\_ (hereinafter "said application").

AND/OR

☐ for which an international patent application was filed under the Patent Cooperation Treaty on \_\_\_\_\_ (mm/dd/yyyy), bearing Application No. \_\_\_\_\_ (hereinafter "said application").

AND, WHEREAS, **Korea Research Institute of Standards and Science** a corporation of the **Republic of Korea**, having a place of business at **267 Gajeong-ro, Yuseong-gu, Daejeon 34113 Republic of Korea** hereinafter called the "assignee", is desirous of acquiring the entire right, title, and interest in and to said application and the inventions and improvements therein disclosed.

NOW, THEREFORE, for good and valuable consideration paid to me by said assignee, the receipt of which is hereby acknowledged, I as the inventor or as one of the inventors, hereinafter the assignor(s), do hereby assign, sell and transfer unto said assignee the full and exclusive right, title and interest in and to said application and the inventions and improvements therein disclosed for the United States and all foreign countries and any Letters Patent which may issue therefor in the United States and all foreign countries and all divisions, reissues, continuations, continuations-in-part, renewals and/or extensions thereof. Such assignment extends to the full ends of the terms of these applications and patents as fully and entirely as the same would have been held and enjoyed by me had this Assignment not been made.

I hereby authorize and request any attorney associated with The Webb Law Firm, Customer No. 28289, to insert here in parentheses (Application No. 14/969/096 filed 12/15/2015 ) the filing date and application number of said application when known.

I covenant that I am the lawful owner(s) of said application, inventions and improvements, that the same are unencumbered, that no license has been granted to make, use or vend the said inventions or improvements or any of them, and that I have the full right to make this Assignment.

Application No. \_\_\_\_\_

Attorney Docket No. \_\_\_\_\_

And for the consideration aforesaid, I agree individually and, if applicable, jointly that I will communicate to said assignee or the representatives thereof any facts known to me respecting said inventions and improvements, and will, upon request but without expense to me, testify in any legal proceedings, sign all lawful papers, execute all divisional, reissue, continuation, continuation-in-part, renewal and/or extension applications, make all rightful oaths, and generally do all other and further lawful acts deemed necessary or expedient by said assignee or by counsel for said assignee to assist or enable said assignee to obtain and enforce full benefits from the rights and interests herein assigned. This Assignment shall be binding upon my heirs, executors, administrators and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors and/or assigns, as the case may be, of said assignee.

1. FULL NAME OF ASSIGNOR:

Cho, Yong Jai

RESIDENCE:

Daejeon, Republic of Korea

EXECUTED this 20 day of OCT., 2015

Yong Jai Cho  
SIGNATURE

WITNESS:

\_\_\_\_\_

2. FULL NAME OF ASSIGNOR:

Chegal, Won

RESIDENCE:

Daejeon, Republic of Korea

EXECUTED this 20 day of OCT., 2015

Won Chegal  
SIGNATURE

WITNESS:

\_\_\_\_\_

Application No. \_\_\_\_\_

Attorney Docket No. \_\_\_\_\_

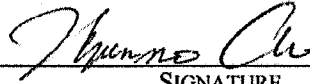
3. FULL NAME OF ASSIGNOR:

Cho, Hyun Mo

RESIDENCE:

Daejeon, Republic of Korea

EXECUTED this 20 day of Oct., 2015



SIGNATURE

WITNESS:

\_\_\_\_\_

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