

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT3734978

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
KOREA RESEARCH INSTITUTE OF STANDARDS AND SCIENCE	01/15/2016
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	K-MAC
<b>Street Address:</b>	33, TECHNO 8-RO
<b>Internal Address:</b>	YUSEONG-GU
<b>City:</b>	DAEJEON
<b>State/Country:</b>	KOREA, REPUBLIC OF
<b>Postal Code:</b>	34028
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Patent Number:	8395117
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(412)471-4094
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<b>ATTORNEY DOCKET NUMBER:</b>	5038-110408
<b>NAME OF SUBMITTER:</b>	RICHARD L. BYRNE, REG. NO. 28,498
<b>SIGNATURE:</b>	/Richard L. Byrne/
<b>DATE SIGNED:</b>	02/11/2016
<b>Total Attachments: 2</b>	
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source=110408assignment#page1.tif	

### 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)**  
Korea Research Institute of Standards and Science  
  
Additional name(s) of conveying party(ies) attached?  Yes  No

**2. Name and address of receiving party(ies)**  
Name: K-MAC  
Internal Address: \_\_\_\_\_  
Street Address: 33, Techno 8-ro  
Yuseong-gu  
City: Daejeon  
State: \_\_\_\_\_  
Country: REPUBLIC OF KOREA Zip: 34028  
Additional name(s) & address(es) attached?  Yes  No

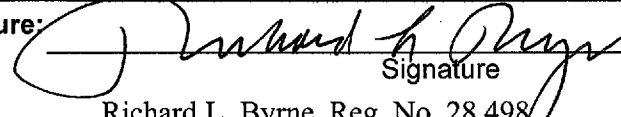
**3. Nature of conveyance/Execution Date(s):**  
Execution Date(s) 1/15/2016  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Joint Research Agreement  
 Government Interest Assignment  
 Executive Order 9424, Confirmatory License  
 Other \_\_\_\_\_

**4. Application or patent number(s):**  This document serves as an Oath/Declaration (37 CFR 1.63).  
A. Patent Application No.(s)  
B. Patent No.(s)  
8,395,117  
Additional numbers attached?  Yes  No

**6. Total number of applications and patents involved:** 1  
**7. Total fee (37 CFR 1.21(h) & 3.41)** \$ N/A  
 Authorized to be charged to deposit account  
 Enclosed  
 None required (government interest not affecting title)

**5. Name and address to whom correspondence concerning document should be mailed:**  
Name: Richard L. Byrne  
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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 - 110408  
Email Address: assignments@webblaw.com

**8. Payment Information**  
Deposit Account Number \_\_\_\_\_  
Authorized User Name \_\_\_\_\_

**9. Signature:**  February 11, 2016  
Signature Date  
Richard L. Byrne, Reg. No. 28,498  
Name of Person Signing  
Total number of pages including cover sheet, attachments, and documents: 2

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

**ASSIGNMENT**

WHEREAS, KOREA RESEARCH INSTITUTE OF STANDARDS AND SCIENCE, a corporation in Korea, and K-MAC, a corporation in Korea, are joint owners, by assignment recorded at Reel/Frame 025713/0193, of United States Patent No. 8,395,117, issued March 12, 2013, entitled "Spectrophotometer Using Medium Energy Ion"; and

WHEREAS, K-MAC, located at 33, Techno 8-ro, Yuseong-gu, Daejeon 34028 Republic of Korea (hereinafter called "Assignee"), is desirous of acquiring the entire right, title, and interest of KOREA RESEARCH INSTITUTE OF STANDARDS AND SCIENCE (hereinafter "Assignor") in and to said United States Patent No. 8,395,117 and the inventions covered thereby.

NOW, THEREFORE, in consideration of good and valuable consideration, the receipt of which is hereby acknowledged, Assignor has sold, assigned, transferred and set over, and does hereby sell, assign, transfer and set over to Assignee, Assignor's entire interest in United States Patent No. 8,395,117 and any continuations, divisionals and reissues thereof, and the inventions covered thereby, the same to be held and enjoyed by Assignee for its own use and enjoyment, and for the use and enjoyment of its successors, assigns or other legal representatives, to the end of the term for which any patent may be granted or reissued as fully and entirely as the same would have been held and enjoyed by Assignor, if this assignment and sale had not been made; together with all claims for damages by reason of past infringement of any such patent, with the right to sue for and collect the same for its own use and enjoyment, and for the use and enjoyment of its successors, assigns or other legal representatives.

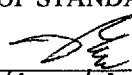
AND, Assignor hereby authorizes and requests the United States Commissioner of Patents and Trademarks to record this assignment to Assignee of its entire interest, and hereby covenants that it has full right to convey the entire interest herein assigned, and that it has not executed, and will not execute, any agreements inconsistent therewith.

IN TESTIMONY WHEREOF, Assignor has caused this assignment to be executed effective the 15<sup>th</sup> day of January, 2016.

KOREA RESEARCH INSTITUTE OF STANDARDS AND SCIENCE

By: \_\_\_\_\_

Name:

  
Woo Hyun KANG

Title:

Center leader for Technology Transfer

\_\_\_\_\_  
Witness