

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Rolf Eckhardt	05/28/2011
Ralf Warratz	05/27/2011
RECEIVING PARTY DATA	
Name:	MSA AUER GmbH
Street Address:	Thiemannstrasse 1
City:	Berlin
State/Country:	GERMANY
Postal Code:	D-12059
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13131391
CORRESPONDENCE DATA	
Fax Number: (412)945-5933 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 412-471-8815 Email: assignments@webblaw.com Correspondent Name: THE WEBB LAW FIRM, P.C. Address Line 1: ONE GATEWAY CENTER Address Line 2: 420 FT. DUQUESNE BLVD, SUITE 1200 Address Line 4: PITTSBURGH, PENNSYLVANIA 15222	
ATTORNEY DOCKET NUMBER:	4385-111698
NAME OF SUBMITTER:	Richard L. Byrne Reg. No. 28,498
Total Attachments: 3 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif	

OP \$40.00 13131391

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PATENT
REEL: 026548 FRAME: 0467

**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)

Rolf ECKHARDT
Ralf WARRATZ

2. Name and address of receiving party(ies)

Name: MSA AUER GMBH

Internal Address: _____

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

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

Execution Date(s) May 28, 2011; May 27, 2011

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Joint Research Agreement

☐ Government Interest Assignment

☐ Executive Order 9424, Confirmatory License

☐ Other _____

Street Address: Thiemannstraße 1

City: Berlin

State: _____

Country: GERMANY Zip: 12059

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

4. Application or patent number(s):

☐ This document is being filed together with a new application.

A. Patent Application No.(s)
13/131,391

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

Fax Number: 412-945-5933

Email Address: assignments@webblaw.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

☒ Authorized to be charged by credit card

☐ Authorized to be charged to deposit account

☐ Enclosed

☐ None required (government interest not affecting title)

8. Payment Information

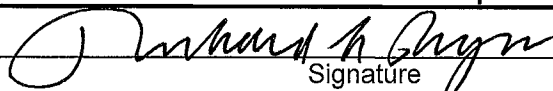
a. Credit Card Last 4 Numbers 4775

Expiration Date 05/2012

b. Deposit Account Number 23-0650

Authorized User Name _____

9. Signature:


Signature

July 6, 2011

Date

Richard L. Byrne, Registration No. 28,498

Name of Person Signing

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

3

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

Doc. No.

**PATENT
REEL: 026548 FRAME: 0468**

ASSIGNMENT

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

**ELECTROCHEMICAL GAS SENSOR WITH AN IONIC LIQUID ELECTROLYTE
SYSTEM INCLUDING AT LEAST ONE MONOALKYLAMMONIUM,
DIALKYLAMMONIUM, OR TRIALKYLAMMONIUM CATION**

(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 05/26/2011 (mm/dd/yyyy) and bears Application Number 13/131,391 (hereinafter "said application").

AND/OR

☒ for which an international patent application was filed under the Patent Cooperation Treaty on 11/25/2009 (mm/dd/yyyy), bearing Application No. PCT/EP2009/065819 (hereinafter "said application").

AND, WHEREAS, **MSA AUER GmbH**, a corporation of Germany, having a place of business at Thiemannstrasse 1, D-12059 Berlin, Germany, 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 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.

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:

RESIDENCE:

Rolf ECKHARDT

Alzenau, Germany

EXECUTED this 28 day of May, 2011


SIGNATURE

WITNESS:

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2. FULL NAME OF ASSIGNOR:

RESIDENCE:

Ralf WARRATZ

Bonn, Germany

EXECUTED this 27 day of May, 2011

  
SIGNATURE

WITNESS:

\_\_\_\_\_

☐ Checked Box indicates \_\_\_ additional page(s) for inventor signatures.