

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Rolf Eckhardt	05/26/2011
Martin Weber	05/13/2011
Kathrin Keller	05/13/2011
Kathrin Tolle	05/25/2011
Ralf Warratz	05/13/2011
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:	13131324
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:	4385-111718
NAME OF SUBMITTER:	Richard L. Byrne Reg. No. 28,498

OP \$40.00 13131324

Total Attachments: 4

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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)
Rolf ECKHARDT Ralf WARRATZ
Martin WEBER
Kathrin KELLER
Kathrin TOLLE
Additional name(s) of conveying party(ies) attached? Yes No

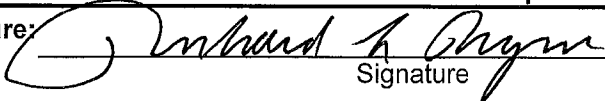
2. Name and address of receiving party(ies)
Name: MSA AUER GMBH
Internal Address: _____
Street Address: Thiemannstraße 1
City: Berlin
State: _____
Country: GERMANY Zip: 12059
Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance/Execution Date(s):
Execution Date(s) May 26, 2011; May 13, 2011; May 25, 2011
 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 is being filed together with a new application.
A. Patent Application No.(s)
13/131,324
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:  July 6, 2011
Signature Date
Richard L. Byrne, Registration No. 28,498 Total number of pages including cover sheet, attachments, and documents: 4
Name of Person Signing

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

**ELECTROCHEMICAL GAS SENSORS WITH
IONIC LIQUID ELECTROLYTE SYSTEMS**

(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 13/131,324 (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/EP2009/065806 (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: Rolf ECKHARDT RESIDENCE: Alzenau, Germany

EXECUTED this 26 day of May, 2011

Rolf Eckhardt
SIGNATURE

WITNESS:

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2. FULL NAME OF ASSIGNOR: Martin WEBER RESIDENCE: Meckenheim, Germany

EXECUTED this 13 day of May, 2011

M. Weber
SIGNATURE

WITNESS:

Checked Box indicates 1 additional page(s) for inventor signatures.

3. FULL NAME OF ASSIGNOR:
Kathrin KELLER

RESIDENCE:
Königswinter, Germany

EXECUTED this 13 day of May, 2011

Kathrin Keller
SIGNATURE

WITNESS:

4. FULL NAME OF ASSIGNOR:
Kathrin TÖLLE

RESIDENCE:
Königswinter, Germany

EXECUTED this 25 day of May, 2011

Kathrin Tölle
SIGNATURE

WITNESS:

5. FULL NAME OF ASSIGNOR:
Ralf WARRATZ

RESIDENCE:
Bonn, Germany

EXECUTED this 12 day of May, 2011

Ralf Warratz
SIGNATURE

WITNESS:
