

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2647749

SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>CHRISTIAN SPARING</td> <td>06/25/2013</td> </tr> <tr> <td>THOMAS HUELSMANN</td> <td>06/14/2013</td> </tr> <tr> <td>ARNO CLICQUE</td> <td>06/13/2013</td> </tr> <tr> <td>PATRICK BROOKS</td> <td>06/14/2013</td> </tr> <tr> <td>ADRIAN ZEE</td> <td>07/11/2013</td> </tr> <tr> <td>HEIKO BRUNNER</td> <td>06/18/2013</td> </tr> </tbody> </table>		Name	Execution Date	CHRISTIAN SPARING	06/25/2013	THOMAS HUELSMANN	06/14/2013	ARNO CLICQUE	06/13/2013	PATRICK BROOKS	06/14/2013	ADRIAN ZEE	07/11/2013	HEIKO BRUNNER	06/18/2013
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ADRIAN ZEE	07/11/2013														
HEIKO BRUNNER	06/18/2013														
RECEIVING PARTY DATA															
Name:	ATOTECH DEUTSCHLAND GMBH														
Street Address:	ERASMUSSTRASSE 20														
City:	BERLIN														
State/Country:	GERMANY														
Postal Code:	10553														
PROPERTY NUMBERS Total: 1															
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13884711</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13884711										
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Application Number:	13884711														
CORRESPONDENCE DATA															
Fax Number:	(202)778-2201														
Phone:	202-955-1955														
Email:	ccurrie@hunton.com														
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>															
Correspondent Name:	HUNTON & WILLIAMS LLP														
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Address Line 2:	INTELLECTUAL PROPERTY DEPARTMENT														
Address Line 4:	WASHINGTON, DISTRICT OF COLUMBIA 20037-1701														
ATTORNEY DOCKET NUMBER:	65084.000093														

CH \$40.00 13884711

NAME OF SUBMITTER:	ROBERT M SCHULMAN
Signature:	/31196/
Date:	12/13/2013
<b>Total Attachments: 7</b> source=Assn93#page1.tif source=Assn93#page2.tif source=Assn93#page3.tif source=Assn93#page4.tif source=Assn93#page5.tif source=Assn93#page6.tif source=Assn93#page7.tif	

**ASSIGNMENT**

WHEREAS, we, **Christian SPARING**, residing at **Lichtweg 21, Berlin, Germany 13507**; **Thomas HUELSMANN**, residing at **Teltower Damm 213, Berlin, Germany 14167**; **Arno CLICQUE**, residing at **Wilhelmsruher Damm 193, Berlin, Germany 13435**; **Patrick BROOKS**, residing at **Brandenburgische Strasse 25, Berlin, Germany 10707**; **Adrian ZEE**, residing at **Lewishamstrasse 14, Berlin, Germany 10629**; and **Heiko BRUNNER**, residing at **Jessnerstrasse 19, Berlin, Germany 10247**, are the inventors of certain new and useful improvements in and to the subject matter of:

**SOLUTION AND PROCESS FOR THE PRE-TREATMENT  
OF COPPER SURFACES USING AN N-ALKOXYLATED  
ADHESION-PROMOTING COMPOUND**

described in U.S. Patent Application No. **13/884,711** filed **May 10, 2013**.

AND, WHEREAS, **ATOTECH DEUTSCHLAND GMBH**, a corporation organized under the laws of **Germany**, having a place of business located at **Erasmusstrasse 20, 10553 Berlin, Germany**, (hereinafter "ASSIGNEES"), are desirous of acquiring certain rights to the improvements and under the application;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration, receipt of which is hereby acknowledged, WE do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, our entire right, title and interest in and throughout the United States of America (including its territories and dependencies) and all countries foreign thereto in and to said improvements, said United States application, any other United States applications, including provisional, divisional, renewal, substitute, continuation, reexamination and reissue applications, based in whole or in part on said United States application or in whole or in part on said improvements, any foreign applications, including international and regional applications, based in whole or in part on any of the aforesaid United States applications or in whole or in part on said improvements, and in and to any and all letters patent, including extensions thereof, of any country which have been or may be granted on any of the aforesaid applications or on said improvements or any parts thereof;

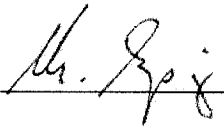
AND WE hereby agree for ourselves and our heirs, executors, and administrators to execute without further consideration any further documents and instruments which may be necessary, lawful and proper in the prosecution of said above-referenced application or in the preparation or prosecution of any continuing, substitute, divisional, renewal, reexamination or reissue application or in any amendments, extensions or interference proceedings, or other applications for patents of any region or country, that may be necessary to secure to ASSIGNEE its interest and title in and to said improvements or any parts thereof, and in and to said several patents or any of them;

AND WE hereby covenant for ourselves and our legal representatives, and agree with said ASSIGNEE, its successors and assigns, that WE have granted no right or license to make, use or sell said improvements, to anyone except said ASSIGNEE, that prior to the execution of this deed, our right, title and interest in said improvements had not been otherwise encumbered, and that WE have not and will not execute any instrument in conflict therewith;

AND WE do hereby authorize and request the United States Commissioner of Patents and Trademarks to issue any and all letters patent which may be granted upon said United States applications, or upon said improvements or any parts thereof when granted, to said ASSIGNEE.

IN WITNESS WHEREOF, we have hereunto set our hands and seals.

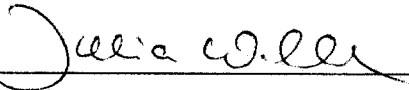
Name: Christian SPARING

Signature: 

Date: 25.06.2013

Witness:

25.6.13  
Date

  
Signature

Julia Wolle  
Printed Name

IN WITNESS WHEREOF, we have hereunto set our hands and seals.

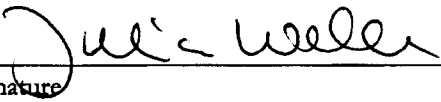
Name: Thomas HUELSMANN

Signature: 

Date: 14.06.2013

Witness:

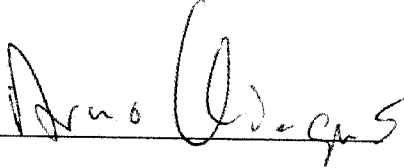
14.6.13  
Date

  
Signature

Julia Wolk  
Printed Name

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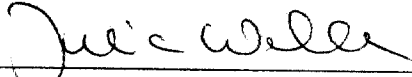
Name: Arno CLICQUE

Signature: 

Date: 13.06.2013

Witness:

13.6.13  
Date

  
Signature

Julia Woll  
Printed Name

IN WITNESS WHEREOF, we have hereunto set our hands and seals.

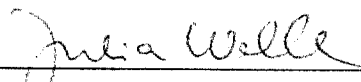
Name: Patrick BROOKS

Signature: 

Date: 14.06.2013

Witness:

14.6.13  
Date

  
Signature

Julia Wille  
Printed Name

P60433166

U.S. PATENT APPLICATION NO.: 13/884,711  
ATTORNEY DOCKET NO.: 65084.000093

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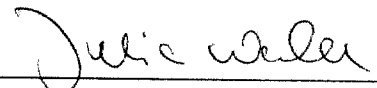
Name: Adrian ZEE

Signature: 

Date: 11.07.2013

Witness:

11.7.2013  
Date


  
Signature

Julia wale  
Printed Name



IN WITNESS WHEREOF, we have hereunto set our hands and seals.

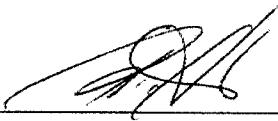
Name: Heiko BRUNNER

Signature: 

Date: 18.06.2013

Witness:

18.06.2013  
Date

  
Signature

RIGTNER  
Printed Name