

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

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>Lei Wang</td> <td>08/05/2013</td> </tr> <tr> <td>Weiming Zhang</td> <td>08/05/2013</td> </tr> <tr> <td>Matthias Hoertheis</td> <td>09/12/2013</td> </tr> </tbody> </table>		Name	Execution Date	Lei Wang	08/05/2013	Weiming Zhang	08/05/2013	Matthias Hoertheis	09/12/2013		
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<table border="1"> <tr> <td>Name:</td> <td>Heraeus Precious Metals North America Conshohocken LLC</td> </tr> <tr> <td>Street Address:</td> <td>24 Union Hill Road</td> </tr> <tr> <td>City:</td> <td>West Conshohocken</td> </tr> <tr> <td>State/Country:</td> <td>PENNSYLVANIA</td> </tr> <tr> <td>Postal Code:</td> <td>19428</td> </tr> </table>		Name:	Heraeus Precious Metals North America Conshohocken LLC	Street Address:	24 Union Hill Road	City:	West Conshohocken	State/Country:	PENNSYLVANIA	Postal Code:	19428
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
Fax Number:	2027725858										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Phone:	2027725800										
Email:	wolfe@blankrome.com										
Correspondent Name:	Charles R. Wolfe										
Address Line 1:	600 New Hampshire Ave. NW										
Address Line 4:	Washington, DISTRICT OF COLUMBIA 20037										
ATTORNEY DOCKET NUMBER:	136617.00902										
NAME OF SUBMITTER:	Charles R. Wolfe, Jr.										
Signature:	/Charles R. Wolfe, Jr./										
Date:	09/30/2013										

OP \$40.00 13864369

PATENT

Total Attachments: 6

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ASSIGNMENT

THIS ASSIGNMENT, made on the date set forth below by Lei WANG; Matthias HÖRTHEIS; and Weiming ZHANG, residing at 1700 Butler Pike, Apt. 19F, Conshohocken, Pennsylvania 19428; Weidenweg 1d, 63454 Hanau, GERMANY; and 641 Broadmoor Drive, Blue Bell, Pennsylvania 19422, respectively (hereinafter referred to as the Assignors), witnesseth:

WHEREAS, said Assignors have invented certain new and useful improvements in TELLURIUM INORGANIC REACTION SYSTEMS FOR CONDUCTIVE THICK FILM PASTE FOR SOLAR CELL CONTACTS set forth in Provisional Application No. 61/625,383 filed on 04/17/2013 and Provisional Application No. 61/684,884 filed 8/20/2012, as well as an application for Letters Patent of the United States, identified as Application No. 13/864,369 filed 04/17/2013; and

WHEREAS, Heraeus Precious Metals North America Conshohocken LLC, a corporation duly organized under and pursuant to the laws of the State of Pennsylvania having its principal place of business at 24 Union Hill Road, West Conshohocken, Pennsylvania 19428 (hereinafter referred to as the Assignee) is desirous of acquiring the entire right, title and interest in and to said inventions and said application for Letters Patent of the United States, and in and to any Letters Patent or Patents, United States or foreign, to be obtained therefor and thereon.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the said Assignors have sold, assigned, transferred and set over, unto the Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions,

States of America and all foreign countries and in and to any and all divisions, continuations, and continuations-in-part of said application, or reissues or extensions of said Letters Patent or Patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by the said Assignee, for its own use and behoof and the use and behoof of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent or Patents may be granted, as fully and entirely as the same would have been held and enjoyed by the Assignors, had this sale and assignment not been made.

AND for the same consideration, the said Assignor hereby covenant and agree to and with the said Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, the said Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and the application for Letters Patent above-mentioned, and that the same are unencumbered and that the said Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, the said Assignors hereby covenant and agree to and with the said Assignee, its successors, legal representatives and assigns, that the said Assignors will, whenever counsel of the said Assignee or the counsel of its successors, legal representatives and assigns, shall advise that any proceeding in connection with said inventions, or said application for Letters Patent, or any proceeding in connection with Letters Patent for said inventions in any country, including interference proceedings, is lawful and desirable, that any division, continuation or continuation-in-part of any application for Letters Patent, or reissue or extension of any Letters Patent, to be obtained

thereon, is lawful and desirable, sign all papers and documents, take all lawful oaths, and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of Letters Patent for said inventions, without charge to the said Assignors, their successors, legal representatives and assigns, but at the cost and expense of the said Assignee, its successors, legal representatives and assigns.

AND said Assignors hereby request the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to the said Assignee, as the assignee of said inventions and the Letters Patent to be issued thereon for the sole use and behoof of the said Assignee, its successors, legal representatives and assigns.

The undersigned hereby grant the firm of Blank Rome LLP the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Lei Wang

Lei Wang

Date: August 5, 2013

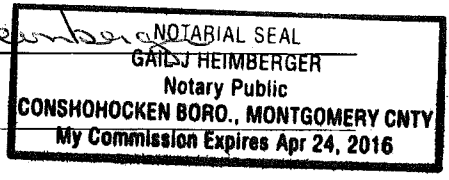
United States of America)
State of Pennsylvania) ss.:
County of Montgomery)

On this 5th day of August, 2013, before me personally came Lei Wang, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Gail J. Heimberger

Notary Public

My Commission Expires: _____



Matthias Hörtheis

Date: _____

United States of America)
State of _____) ss.:
County of _____)

On this _____ day of _____, _____, before me personally came Matthias Hörtheis, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

My Commission Expires: _____

Weiming Zhang

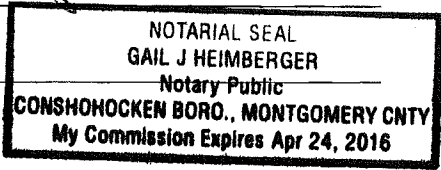
Date: August 5, 2013

United States of America)
State of Pennsylvania ss.:
County of Montgomery

On this 5th day of August, 2013, before me personally came Weiming Zhang, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Gail Heiberger
Notary Public

My Commission Expires: _____



Lei Wang

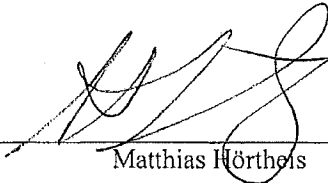
Date: _____

United States of America)
State of _____) ss.:
County of _____)

On this _____ day of _____, _____, before me personally came Lei Wang, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

My Commission Expires: _____

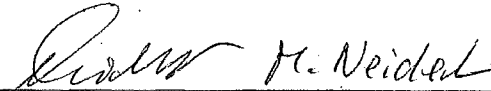


Matthias Hörtheis

Date: 12.09.13

United States of America)
State of _____) ss.:
County of _____)

On this 12th day of September, 2013, before me personally came Matthias Hörtheis, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



Notary Public

My Commission Expires: _____