PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MATTHIAS FRERICKS	05/29/2015
LYDIA BUCKOW	06/02/2015

RECEIVING PARTY DATA

Name:	HERAEUS PRECIOUS METALS GMBH & CO. KG	
Street Address:	HERAEUSSTRASSE 12-14	
City:	HANAU	
State/Country:	GERMANY	
Postal Code:	63450	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14413209

CORRESPONDENCE DATA

Fax Number: (612)573-2005

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ATTORNEY DOCKET NUMBER:	H683.147.101/P11738 WOUS
NAME OF SUBMITTER:	PAUL P. KEMPF
SIGNATURE:	/paulpkempf/
DATE SIGNED:	06/12/2015

Total Attachments: 2

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PATENT 503348843 REEL: 035831 FRAME: 0004

Attorney Docket No.: H683.147.101 P11738 WOUS

ASSIGNMENT

Whereas We, the below-named inventors, have made an invention in

INVENTION NAME

and have filed an application for Letters Patent of the United States of America, which may be identified in the United States Patent and Trademark Office by International Application Number PCT/EP2013/064285, filed July 5, 2013, which entered the U.S. National Stage on January 6, 2015 under Serial Number 14/413,209.

Now, therefore, for good and valuable consideration, the receipt and adequacy of which is acknowledged, we have agreed to assign and transfer and do hereby assign and transfer unto Heraeus Precious Metals GmbH & Co. KG, a corporation of Germany, having its principal office at at Heraeusstrasse 12-14, Hanau, Germany 63450 ("Company"), its successors and assigns, the entire right, title, and interest in and to the said invention and application, and in and to any division or continuation (in whole or in part) of said application, and in and to any and all improvements in the said invention made by us or any of us made jointly with others (provided any such improvement is made during our employment by the said Company or within one year thereafter), and in and to any and all Letters Patent, reexaminations, reissues, or extensions thereof, of the United States of America and countries foreign thereto (including the right to apply for Letters Patent, Utility Models, or Inventors' Certificates in foreign countries in its own name and to claim any priority rights for such foreign applications to which such applications are entitled under international conventions, treaties, or otherwise), which have been or may be granted thereon or on any divisional, continuation (in whole or in part), renewal, reexamination, reissue, or other or further application based in whole or in part upon the said invention or improvements thereon, to be held and enjoyed as fully exclusively as they would have been by us or any of us had this assignment had transfer not been made;

We do further agree for ourselves and for our heirs, executors, and administrators, to execute and deliver without further consideration any further applications, assignments, and documents, and to perform such other acts as we lawfully may, that may be deemed necessary by the said Company, its successors, assigns, and nominees, to fully secure its right, title, and interest as aforesaid and to obtain or maintain Letters Patent, Utility Models, or Inventors' Certificates in any and all countries;

And we do hereby authorize and request the Commissioner of Patents to issue any and all Letters Patent which may be granted upon any of the said applications, to the said Company as the assignee of the entire right, title, and interest therein.

We have hereunto signed our names on the day and year set forth below:

Metthias Frericks

Residence: Hanau, Germany

City, State, Country

Lydia Buckow

Date

5 May 29,2015

Residence: Pfungstadt, Germany

City, State, Country

Attorney Docket No.: H683.147.101 P11738 WOUS

ASSIGNMENT

Whereas We, the below-named inventors, have made an invention in

INVENTION NAME

and have filed an application for Letters Patent of the United States of America, which may be identified in the United States Patent and Trademark Office by International Application Number PCT/EP2013/064285, filed July 5, 2013, which entered the U.S. National Stage on January 6, 2015 under Serial Number 14/413,209.

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We do further agree for ourselves and for our heirs, executors, and administrators, to execute and deliver without further consideration any further applications, assignments, and documents, and to perform such other acts as we lawfully may, that may be deemed necessary by the said Company, its successors, assigns, and nominees, to fully secure its right, title, and interest as aforesaid and to obtain or maintain Letters Patent, Utility Models, or Inventors' Certificates in any and all countries;

And we do hereby authorize and request the Commissioner of Patents to issue any and all Letters Patent which may be granted upon any of the said applications, to the said Company as the assignee of the entire right, title, and interest therein.

We have hereunto signed our names on the day and year set forth below.

Matthias Frericks

Date

Residence: Hanau, Germany

City, State, Country

Lydia Buckow

Date

Residence: Erlensee, Germany

City, State, Country

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