

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT5419143

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
YEE WEON LIM	01/21/2019
XI ZHANG	02/11/2019
SENTHIL KUMAR BALASUBRAMANIAN	01/31/2019
SUAT TENG TAN	01/24/2019
JIN ZHI LIAO	01/29/2019
DAN SU	01/21/2019
CHEE WEI TOK	01/29/2019
MURALI SARANGAPANI	01/21/2019
JURGEN SCHARF	02/06/2019
RECEIVING PARTY DATA	
Name:	HERAEUS MATERIALS SINGAPORE PTE. LTD.
Street Address:	BLOCK 5014, ANG MO KIO AVENUE 5
Internal Address:	#07-01 TECHPLACE II
City:	SINGAPORE
State/Country:	SINGAPORE
Postal Code:	569871
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16312703
CORRESPONDENCE DATA	
Fax Number:	(202)420-2201
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	202-420-2200
Email:	jyeddo@blankrome.com
Correspondent Name:	BLANK ROME LLP
Address Line 1:	1825 EYE STREET NW
Address Line 4:	WASHINGTON, D.C. 20006-5403
ATTORNEY DOCKET NUMBER:	140891.32900

NAME OF SUBMITTER:	JUDY YEDDO
SIGNATURE:	/Judy Yeddo/
DATE SIGNED:	03/13/2019
Total Attachments: 8 source=Recordation#page1.tif source=Recordation#page2.tif source=Declaration#page1.tif source=Declaration#page2.tif source=Declaration#page3.tif source=Declaration#page4.tif source=Declaration#page5.tif source=Declaration#page6.tif	

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)

Yee W. Lim (01/21/2019), Xi Zhang (02/11/2019),
Senthil K. Balasubramanian (01/31/2019), Suat T.
Tan (01/24/2019),

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

2. Name and address of receiving party(ies)

Name: Heraeus Materials Singapore Pte. Ltd.

Internal Address: _____

Street Address: _____

Block 5014, Ang Mo Kio Avenue 5
#07-01 TechPlace II

City: Singapore

State: _____

Country: Republic of Singapore Zip: 569871

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

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

Execution Date(s) in parentheses after inventor name

☒ Assignment ☐ Merger ☐ Change of Name

☐ Security Agreement ☐ Joint Research Agreement

☐ Government Interest Assignment

☐ Executive Order 9424, Confirmatory License

☐ Other _____

4. Application or patent number(s):

☒ This document serves as an Oath/Declaration (37 CFR 1.63).

A. Patent Application No.(s)

16/312,703

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address to whom correspondence concerning document should be mailed:

Cole T. Duncan
Name: BLANK ROME LLP

Internal Address: _____

Street Address: 1825 Eye Street, NW

City: Washington

State: DC Zip: 20006

Phone Number: 202-420-2200

Docket Number: 140891.32900

Email Address: WashingtonDocketing@BlankRome.com

6. Total number of applications and patents involved:

1

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

☐ Authorized to be charged to deposit account

☐ Enclosed

☐ None required (government interest not affecting title)

8. Payment Information

Deposit Account Number _____

Authorized User Name _____

9. Signature: _____ / Cole T. Duncan, Ph.D. / March 13, 2019
Signature Date

Cole T. Duncan, Ph.D. - 71,956
Name of Person Signing

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

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

RECORDATION FORM COVER SHEET (PTO-1595)
(Supplemental Sheet)

Additional conveying party(ies) and/or Execution Date(s) (1. and/or 3. continued):

Jin Z. Liao (01/29/2019), Dan Su (01/21/2019), Chee W. Tok (01/29/2019), Murali Sarangapani (01/21/2019), and Jurgen Scharf (02/06/2019)

Additional receiving party(ies) (2. continued):

Name: _____

Internal Address:

Street Address:

City: _____ State: _____ Country: _____ Zip: _____

Name: _____

Internal Address:

Street Address:

City: _____ State: _____ Country: _____ Zip: _____

Name: _____

Internal Address:

Street Address:

City: _____ State: _____ Country: _____ Zip: _____

Additional application and/or patent number(s) (4. continued):

Additional Patent Application No.(s)
(4A. continued):

Additional Patent No.(s)
(4B. continued):

Additional numbers attached?

☐

Yes

☐

No

**COMBINED ASSIGNMENT & DECLARATION
FOR UTILITY OR DESIGN PATENT APPLICATIONS**

ASSIGNMENT

THIS ASSIGNMENT, by

Yee Weon Lim residing at No. 20/Jln 3/38E Taman Sri Sinar, Segambut Wilayah
Persekutuan, Kuala Lumpur 51200, MALAYSIA;

Xi Zhang residing at Block 808, Thomson Road, Thomson 800, S13-20, Singapore
298190, REPUBLIC OF SINGAPORE;

Senthil Kumar Balasubramanian residing at 308a, Punggol Walk, #04-420,
Singapore 821308, REPUBLIC OF SINGAPORE;

Suat Teng Tan residing at 167, Bishan Street 13, #05-210, Singapore 570167,
REPUBLIC OF SINGAPORE;

Jin Zhi Liao residing at 83, Lorong 2 Tao Payoh, #07-455, Singapore 310083,
REPUBLIC OF SINGAPORE;

Dan Su residing at 789, Woodlands Avenue 6, #08-633, Singapore 730789,
REPUBLIC OF SINGAPORE;

Chee Wei Tok residing at 770, Choa Chu Kang Street 54, #12-07, Singapore
680770, REPUBLIC OF SINGAPORE;

Murali Sarangapani residing at 363, Yishun Ring Road, #08-1560, Singapore
760363, REPUBLIC OF SINGAPORE; and

Jurgen Scharf residing at Karlberg 1, 63776 Mombis, GERMANY,

(hereinafter referred to as Assignors), respectively;

WHEREAS, Assignors have invented certain new and useful improvements in COATED WIRE, set forth in a Patent application for which an International Application was filed on August 18, 2017, PCT/SG2017/000008, designating the United States; and

WHEREAS, Heraeus Materials Singapore Pte. Ltd., a Company organized under and pursuant to the laws of Singapore having its principal place of business at Block 5014, Ang Mo Kio Avenue 5, #07-01 TechPlace II, Singapore 569871, REPUBLIC OF SINGAPORE (hereinafter referred to as 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 of the United States to be obtained therefore and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefore and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

AND for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that 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, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will 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 any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

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

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

DECLARATION

As a below named inventor, I hereby declare that:

This declaration is directed to the patent application entitled:

COATED WIRE

the specification of which is attached hereto.

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.

I have reviewed and understand the contents of the above-identified application.

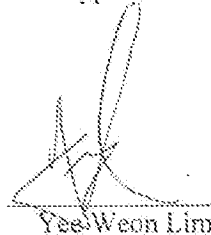
I am aware of the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 C.F.R. 1.56.

I hereby acknowledge that any willful false statement made in this Declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

In the event that the filing date and/or Application No. are not entered above at the time I execute this document, and if such information is deemed necessary, I hereby authorize and request the attorneys/agent(s) at Blank Rome LLP, 717 Texas Avenue, Suite 1400, Houston, Texas 77002, to insert the filing date and/ or Application No. of said application into this document.

Date: 21/11/2019

Signature:


Yee Weon Lim

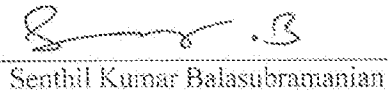
Date: 11/02/2019

Signature:


Xi Zhang

Date: 31/01/2019

Signature:

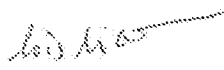

Senthil Kumar Balasubramanian

Date: 08/01/2019


Signature:


Suiat Teng Tan

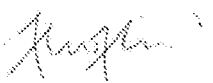
Date: 29/01/2019

Signature: 
Jin Zhi Liao

Date: 21/01/19

Signature: 
Dan Su

Date: 29/01/2019

Signature: 
Chee Wei Tok

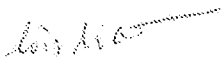
Date: 21/1/19

Signature: 
Murali Sarangapani

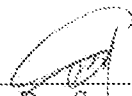
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Signature: _____
Jurgen Scharf

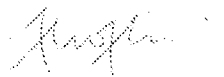
Date: 28/01/2019

Signature: 
Jin Zhi Liao


Date: 21/01/19

Signature: 
Dan Su

Date: 29/01/2019

Signature: 
Chee Wei Tok

Date: 21/1/19

Signature: 
Murali Sarangapani

Date: 06/02.19

Signature: 
Jurgen Scharf