PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6730147

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|----------------------------|----------------|
| HERAEUS QUARTZ AMERICA LLC | 05/19/2021 |

RECEIVING PARTY DATA

| Name: | HERAEUS QUARTZ NORTH AMERICA LLC | |
|-----------------|----------------------------------|--|
| Street Address: | 100 HERAEUS BOULEVARD | |
| City: | BUFORD | |
| State/Country: | GEORGIA | |
| Postal Code: | 30518 | |

PROPERTY NUMBERS Total: 2

| Property Type | Number |
|---------------------|----------|
| Application Number: | 15937711 |
| Patent Number: | 9957431 |

CORRESPONDENCE DATA

Fax Number: (212)490-3295

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.

Phone: 12124903285

Email: atiajoloff@tkiplaw.com
Correspondent Name: ANDREW TIAJOLOFF
Address Line 1: 405 LEXINGTON AVENUE
Address Line 2: TIAJOLOFF & KELLY LLP

Address Line 4: NEW YORK, NEW YORK 10174

| ATTORNEY DOCKET NUMBER: | 52201-0782 |
|-------------------------|-----------------------|
| NAME OF SUBMITTER: | ANDREW L. TIAJOLOFF |
| SIGNATURE: | /Andrew L. Tiajoloff/ |
| DATE SIGNED: | 05/26/2021 |

Total Attachments: 2

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PATENT 506683329 REEL: 056356 FRAME: 0895

ASSIGNMENT

WHEREAS, <u>HERAEUS OUARTZ AMERICA LLC</u> (hereinafter referenced as ASSIGNOR), a corporation having a place of business at <u>15705 Long Vista Drive Austin</u>, <u>Texas 78728</u>, is or was an applicant and a partial owner of all right, title and interest in:

U.S. Patent No. <u>9,957,431</u> issued <u>May 1, 2018</u> and entitled "COMPOSITE MATERIAL, HEAT-ABSORBING COMPONENT, AND METHOD FOR PRODUCING THE COMPOSITE MATERIAL" (hereinafter referenced as the Patent); and

U.S. patent application serial number <u>15/937,711</u> filed <u>March 27, 2018</u> for improvements in "COMPOSITE MATERIAL, HEAT-ABSORBING COMPONENT, AND METHOD FOR PRODUCING THE COMPOSITE MATERIAL" (hereinafter referenced as the Application);

and the inventions set out therein;

AND WHEREAS, <u>HERAEUS QUARTZ NORTH AMERICA LLC</u>(hereinafter referenced as ASSIGNEE), a corporation with offices at <u>100 Heraeus Boulevard</u>, <u>Buford</u>, <u>Georgia 30518</u> is desirous of acquiring all of ASSIGNOR's right, title, and interest in, to and under the Patent and the Application and under any Letters Patent or similar legal protection which may be granted therefor in the United States;

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR does hereby assign, sell and transfer, and confirms that it has assigned, sold and transferred, unto the said ASSIGNEE, its successors, assigns, and legal representatives, ASSIGNOR's entire right, title and interest in the Patent and the Application, including any and all divisions, continuations and continuations-in-part thereof, as the assignee of ASSIGNOR's whole right, title and interest thereto, and including any and all rights to bring a lawsuit for damages, equitable or other relief for any and all past, present and future infringement of the Patent or of the Application or any patent to issue thereon, or any divisions, continuations and continuations-in-part thereof, and in and to any and all Letters Patent of the United States that may be granted for said invention, and in and to any and all priority rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and to any other benefits accruing or to accrue with respect to the filing of applications for patents or securing of patents in the United States, and ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States of America to issue all Letters Patent in the United States of America and any other country to ASSIGNEE, as the assignee of the ASSIGNOR's whole right, title and interest thereto;

And ASSIGNOR further agrees to execute all necessary or desirable and lawful future documents, including assignments in favor of ASSIGNEE or its designee, as ASSIGNEE or its successors, assigns and legal representatives may from time-to-time present to ASSIGNOR and without

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PATENT REEL: 056356 FRAME: 0896 further remuneration, in order to perfect title in the Patent, the Application, the invention, and modifications and improvements in said invention, applications and Letters Patent of the United States;

And ASSIGNOR further agrees to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for application for filing subdivisions of the Application, and or, for obtaining any reissue or reissues of the Patent or any Letters Patent which may be granted on the Application or for the invention, as the ASSIGNEE thereof shall hereafter require and prepare at its own expense;

This assignment executed on the date indicated below.

May 19 202/
Date ()

May 19, 2021

HERAEUS QUARTZ AMERICA LLC

Name: Title:

HERAEUS QUARITZ NORTH AMERICA LLC

Name: Anthony Mus A Title: And Just Hond

RECORDED: 05/26/2021

REEL: 056356 FRAME: 0897