

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT6169668

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
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	Name	Execution Date
	HERAEUS GMSI LLC	05/26/2020
RECEIVING PARTY DATA		
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	Property Type	Number
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DATE SIGNED:	06/24/2020	
Total Attachments: 5		
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PATENT ASSIGNMENT

This Patent Assignment (this “Patent Assignment”) is made and delivered on May 26, 2020 by Heraeus GMSI LLC, a Delaware limited liability company (the “Seller”), for the benefit of Applied Materials, Inc., a Delaware corporation (the “Purchaser”) under that certain Asset Purchase Agreement, dated as of the date hereof (the “Purchase Agreement”) between the Seller and the Purchaser.

The Seller has delivered this instrument signed by the Seller to enable the Purchaser to file it with any appropriate patent offices or other governmental offices or authorities to indicate ownership of intellectual property and intellectual property rights described below and for the other purposes set forth in this instrument. This instrument supplements and is in addition to all other rights of the Purchaser under the Purchase Agreement and other instruments of transfer delivered in connection with the Purchase Agreement.

NOW, THEREFORE, for good and valuable consideration, receipt of which the Seller acknowledges, and by signing and delivering this instrument, the Seller sells, assigns, transfers, conveys, and delivers to the Purchaser all of the Seller’s right, title, and interest in and to:

(a) the patents, patent applications and invention disclosures specifically listed on Annex A to this Patent Assignment; and

(b) the following properties and rights with respect to all patents and patent applications so listed on Annex A:

(i) the inventions claimed or described in the patents or applications;

(ii) any patents in the United States and anywhere else in the world and patent applications that have been or may be granted or filed, respectively, with respect to those inventions, including without limitation all foreign patents that may claim priority based on and correspond to the patents listed on Annex A and all rights to file applications, including the right to claim priority under all applicable international treaties, arrangements and agreements (including without limitation the Paris Convention, the Patent Cooperation Treaty (PCT) and TRIPs) to the patents and/or applications listed on Annex A;

(iii) all divisions, renewals, reissues, continuations, extensions and continuations-in-part of the foregoing patents;

(iv) all income, royalties, damages and payments due or payable to the Seller with respect to the patents, including without limitation unpaid damages and payments for past, present and future infringements of any patent; and

(v) all rights to sue and recover damages and payments for past, present and future infringements of any of the patents, including the right to fully and entirely replace the Seller in all related matters.

The foregoing rights in and under the patents shall apply to the full end of their terms as fully as the Seller would have held the same in the absence of this Patent Assignment. As of the date set forth below, the Purchaser has succeeded to all right, title and standing of the Seller to (a) receive all rights and benefits pertaining to the patents described above and (b) commence, prosecute, defend and settle all claims and take all actions that the Purchaser, in its sole discretion, may elect in relation to the patents and rights described above.

Seller agrees to execute and deliver such other documents and to take all such other actions which Purchaser, its successors and assigns may commercially reasonably request to effect the terms of this Patent Assignment and to execute and deliver any and all affidavits, testimonies, declarations, oaths, samples, exhibits, specimens and other documentation as may be commercially reasonably required to effect the terms of this Patent Assignment.

This Patent Assignment (a) is irrevocable and effective upon the Seller's signature to and delivery of a manually signed copy of this Patent Assignment or facsimile or email transmission of the signature to this Patent Assignment in connection with the Closing and (b) benefits and binds the parties and their respective successors and assigns.

The parties may execute this Patent Assignment in multiple counterparts, each of which constitutes an original as against the party that signed it, and all of which together constitute one and the same agreement. This Patent Assignment is effective upon delivery of one executed counterpart from each party to the other parties. The signatures of all parties need not appear on the same counterpart. The delivery of signed counterparts by email transmission in portable document format (PDF) that includes a copy of the sending party's signature(s) is as effective as signing and delivering the counterpart in person.

[Signature page follows]

The undersigned has signed this Patent Assignment on May 26 2020.

SELLER:

HERAEUS GMSI LLC

By: [Signature]
Name: Christoph Riederle
Title: President

STATE OF: Arizona
COUNTY OF: Maricopa

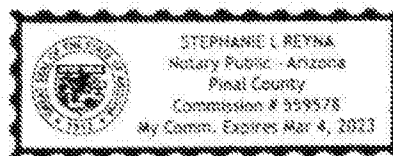
On May 26, 2020 before me, Stephanie L. Reyna (the undersigned notary), personally appeared Christoph Riederle personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that ~~he~~she executed the same in ~~his~~her authorized capacity, and that by ~~his~~her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

Witness my hand and official seal.

[Signature]
Notary Public

My commission expires: March 4, 2023

(Notary Seal)



[Signature Page to Patent Assignment]

The undersigned has signed this Patent Assignment on May ___, 2020.

PURCHASER:

APPLIED MATERIALS, INC.

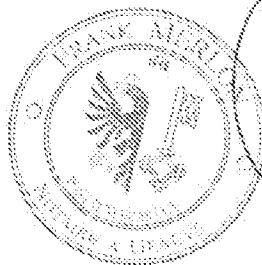
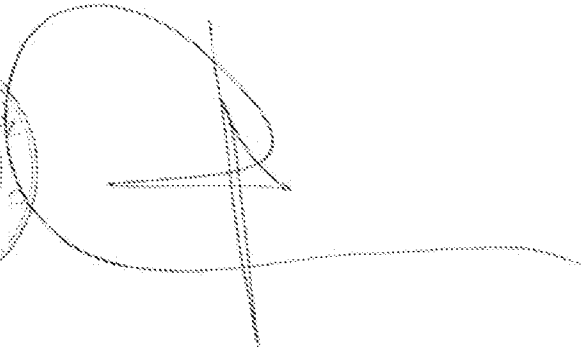
By: 

Name: Hussein Fawaz

Title: Vice President, Mergers & Acquisitions



Seen by the undersigned
for legalization exclusively
of the *above* signature
of *Mr. Hussein Chebli Fawaz*
(excluding the document itself)
Geneva, the *25th of May 2020*

[Signature Page to Patent Assignment]

UNORTHCA - 035798/100146 - 7768099

ANNEX A TO PATENT ASSIGNMENT

Pending Patent Applications

Title	Filing date	Application number	Publication number
Process for manufacturing a silicon carbide coated body	27.12.2017 18.01.2018 22.12.2018	US 62/610,658 EP 18 152 232.7 PCT/US2018/067414	EP 3 514 129 A1 WO 2019 133 556 A1
Process for manufacturing a silicon carbide coated body	27.12.2017 18.01.2018 22.12.2018	US 62/610,665 EP 18 152 234.3 PCT/US2018/067415	EP 3 514 130 A1 WO 2019 133 557 A1
Process for manufacturing a silicon carbide coated body	27.12.2017 18.01.2018 22.12.2018	US 62/610,671 EP 18 152 228.5 PCT/US2018/067421	EP 3 514 128 A1 WO 2019 133 560 A1
Process for manufacturing a silicon carbide coated body	27.12.2017 18.01.2018 22.12.2018	US 62/610,679 EP 18 152 229.3 PCT/US2018/067417	EP 3 514 127 A1 WO 2019 133 558 A1
Process for manufacturing a silicon carbide coated body	27.12.2017 18.01.2018 22.12.2018	US 62/610,690 EP 18 152 231.9 PCT/US2018/067422	EP 3 514 259 A1 WO 2019 133 561 A1
Process for manufacturing a silicon carbide coated body	27.12.2017 18.01.2018 22.12.2018	US 62/610,695 EP 18 152 230.1 PCT/US2018/067418	EP 3 514 257 A1 WO 2019 133 559 A1
Susceptor and method for manufacturing the same	04.09.2018 06.09.2018 20.09.2018 04.09.2019	US 62/727,787 EP 18195606.1 PCT/US2019/049545	EP 3 626 865 A1 WO 2020 051 217 A1