

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT7659949

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY INTEREST

CONVEYING PARTY DATA

Name	Execution Date
COORSTEK, INC.	02/18/2022

RECEIVING PARTY DATA

Name:	JPMORGAN CHASE BANK, N.A.
Street Address:	10 S. DEARBORN, FLOOR L2, IL1-0480
City:	CHICAGO
State/Country:	ILLINOIS
Postal Code:	60603

PROPERTY NUMBERS Total: 42

Property Type	Number
Patent Number:	6682820
Patent Number:	6774073
Patent Number:	6825123
Patent Number:	6872676
Patent Number:	6946417
Patent Number:	6953760
Patent Number:	7053411
Patent Number:	7094719
Patent Number:	7134851
Patent Number:	7148454
Patent Number:	7247588
Patent Number:	7329467
Patent Number:	7329837
Patent Number:	7527761
Patent Number:	7534388
Patent Number:	7671305
Patent Number:	7675005
Patent Number:	7727919
Patent Number:	7786409
Patent Number:	7833469

PATENT

Property Type	Number
Patent Number:	8017062
Patent Number:	8058174
Patent Number:	8071495
Patent Number:	8193469
Patent Number:	8516857
Patent Number:	8701712
Patent Number:	9073787
Patent Number:	9157689
Patent Number:	9285120
Patent Number:	9724897
Patent Number:	9975811
Patent Number:	10000422
Patent Number:	10305116
Patent Number:	7915196
Application Number:	29407171
Application Number:	29495223
Application Number:	29495224
Application Number:	15353429
Application Number:	15593888
Application Number:	16918889
Application Number:	16928554
Application Number:	17382735

CORRESPONDENCE DATA

Fax Number: (617)951-8736

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: 6173417729

Email: katarzyna.gaysunas@morganlewis.com

Correspondent Name: KATARZYNA GAYSUNAS

Address Line 1: 1 FEDERAL ST

Address Line 2: C/O MORGAN, LEWIS & BOCKIUS LLP

Address Line 4: BOSTON, MASSACHUSETTS 02110-1726

NAME OF SUBMITTER:	KATARZYNA GAYSUNAS
SIGNATURE:	/Katarzyna Gaysunas/
DATE SIGNED:	11/23/2022

Total Attachments: 6
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CONFIRMATORY GRANT OF SECURITY INTEREST
IN PATENTS

THIS CONFIRMATORY GRANT OF SECURITY INTEREST IN PATENTS (as the same may be amended, restated, supplemented or otherwise modified from time to time, the “Confirmatory Grant”) is made effective as of February 18, 2022 by and from COORSTEK, INC., a Delaware corporation (the “Grantor”), to and in favor of JPMORGAN CHASE BANK, N.A. (“JPMorgan”), as Collateral Agent (as defined below) for the benefit of the Secured Parties (as defined in the Collateral Agreement referenced below) (in such capacity, the “Grantee”).

WHEREAS, the Grantor, as borrower, and certain of its Subsidiaries as Guarantors, JPMorgan, in its capacity as administrative agent (in such capacity, the “Administrative Agent”), and the institutions from time to time parties thereto as lenders (the “Lenders”) are parties to that certain Credit Agreement, dated as of February 18, 2022 (as the same may be amended, restated, supplemented or otherwise modified from time to time);

WHEREAS, the Grantee has been appointed collateral agent (the “Collateral Agent”) pursuant to that certain Amended and Restated Intercreditor and Collateral Agency Agreement, dated as of February 18, 2022, by and among the Administrative Agent (on its behalf and on behalf of the Lenders), the Grantee, in its capacity as Collateral Agent, and each of the “Noteholders” party thereto and Wells Fargo Bank, National Association, as the departing collateral agent and acknowledged by the Grantor and certain other Loan Parties (as the same may be amended, restated, supplemented or otherwise modified from time to time, the “Intercreditor Agreement”);

WHEREAS, the Grantor, certain other Loan Parties, the Collateral Agent and Wells Fargo Bank, National Association, as the departing collateral agent have entered into that certain Amended and Restated Collateral Agreement, dated as of February 18, 2022 (as the same may be amended, restated, supplemented or otherwise modified from time to time, the “Collateral Agreement”);

WHEREAS, the Grantor, PGIM, Inc., and the other Noteholders from time to time party thereto are party to that certain Seventh Amended and Restated Note Purchase and Private Shelf Agreement, dated as of February 18, 2022 (as amended, restated, supplemented or otherwise modified from time to time); and

WHEREAS, pursuant to the Collateral Agreement, the Grantor has agreed to execute and deliver this Confirmatory Grant in order to record the security interest granted to the Grantee, for the benefit of the Secured Parties, with the United States Patent and Trademark Office.

NOW, THEREFORE, in consideration of the mutual covenants and agreements set forth herein and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, it is hereby agreed that:

1) DEFINITIONS. All capitalized terms not defined herein shall have the respective meaning given to them in the Collateral Agreement.

2) GRANT OF SECURITY INTEREST IN PATENT COLLATERAL. The Grantor hereby pledges and grants to the Grantee, on behalf of the Secured Parties, to secure the prompt and complete payment and performance when due of the Secured Obligations, a security interest (referred to in this Confirmatory Grant as the “Security Interest”) in all of the Grantor’s right, title and interest in, to and under the following, whether now owned or hereafter acquired or arising (collectively, the “Patent Collateral”):

(a) all of its Patents and any related licenses with respect to Patents to which it is a party including those referred to on Schedule I;

(b) all divisionals, continuations, continuations in part, reissues, reexaminations, or extensions of the foregoing; and

(c) all products and proceeds (as that term is defined in the UCC) of the foregoing, including all rights to sue and recover at law or in equity for any past, present and future infringement, misappropriation, dilution, violation or other impairment of the foregoing, and any claim by the Grantor against third parties for past, present or future (i) infringement or dilution of any Patent or any Patents exclusively licensed under any license, including right to receive any damages or (ii) right to receive license fees, royalties, and other compensation under any license with respect to Patents;

provided, that (i) the term "Patent Collateral" shall not include, and no Lien or security interest shall be granted or shall attach to, any Excluded Assets, and (ii) this Confirmatory Grant shall not be construed as an assignment of any Patent Collateral.

3) SECURITY FOR SECURED OBLIGATIONS. This Confirmatory Grant and the Security Interest created hereby secures the payment and performance of the Secured Obligations, whether now existing or arising hereafter. Without limiting the generality of the foregoing, this Confirmatory Grant secures the payment of all amounts which constitute part of the Secured Obligations and would be owed by the Grantor to the Secured Parties, whether or not they are unenforceable or not allowable due to the existence of an insolvency proceeding involving the Grantor.

4) COLLATERAL AGREEMENT. The Security Interest granted pursuant to this Confirmatory Grant is granted in conjunction with the security interests granted to the Collateral Agent, on behalf of the Secured Parties, pursuant to the Collateral Agreement. The Grantor hereby acknowledges and affirms that the rights and remedies of the Collateral Agent with respect to the Security Interest in the Patent Collateral made and granted hereby are more fully set forth in the Collateral Agreement, the terms and provisions of which are incorporated by reference herein as if fully set forth herein. To the extent there is any inconsistency between this Confirmatory Grant and the Collateral Agreement, the Collateral Agreement shall control.


5) COUNTERPARTS. This Confirmatory Grant may be executed in counterparts (and by different parties hereto in separate counterparts), each of which shall constitute an original, but all of which when taken together shall constitute a single contract. Delivery of an executed counterpart of a signature page to this Agreement or any document or instrument delivered in connection herewith by facsimile or in electronic (*i.e.* "pdf" or "tif") form shall be effective as delivery of a manually executed counterpart of this Agreement or such other document or instrument, as applicable. The words "execution," "signed," "signature," "delivery," and words of like import in or relating to this Confirmatory Grant shall be deemed to include Electronic Signatures, deliveries or the keeping of records in any electronic form (including deliveries by telecopy, emailed pdf. or any other electronic means that reproduces an image of an actual executed signature page), each of which shall be of the same legal effect, validity or enforceability as a manually executed signature, physical delivery thereof or the use of a paper-based recordkeeping system, as the case may be; *provided* that nothing herein shall require the Collateral Agent to accept Electronic Signatures in any form or format without its prior written consent and pursuant to procedures approved by it; *provided, further*, without limiting the foregoing, (i) to the extent the Collateral Agent has agreed to accept any Electronic Signature, the Collateral Agent and each of the Secured Parties shall be entitled to rely on such Electronic Signature purportedly given by or on behalf of the Grantor without further verification thereof and without any obligation to review the appearance or form of any such Electronic Signature and (ii) upon the request of the Collateral Agent or any Secured Party, any Electronic Signature shall be promptly followed by a manually executed counterpart.

6) GOVERNING LAW. This Confirmatory Grant and any claim, controversy, dispute or cause of action (whether in contract or tort or otherwise) based upon, arising out of or relating to this

Confirmatory Grant and the transactions contemplated hereby shall be governed by, and construed in accordance with, the laws of the State of New York.

IN WITNESS WHEREOF, the Grantor has executed this Confirmatory Grant effective as of the date first written above.

COORSTEK, INC.

By: 
Name: Mary Getzmaier
Title: Secretary

SCHEDULE I
to
CONFIRMATORY GRANT

	APPL. NO.	PATENT NO.	TITLE
1	10/284,693	6,682,820	Recession Resistant Coated Ceramic Part
2	10/208,720	6,774,073	Graphite loaded silicon carbide and methods for making
3	10/414,563	6,825,123	Method for Treating Semiconductor Processing Components and Components formed Thereby
4	10/424,569	6,872,676	Semiconductive zirconia sintering material comprising aluminum oxide
5	10/442,616	6,946,417	Light-Colored ESD Safe Ceramics
6	10/454,084	6,953,760	Ceramic Component Containing inclusions
7	10/828,680	7,053,411	Method for Treating Semiconductor Processing Components and Components formed Thereby
8	11/167,820	7,094,719	Light-Colored ESD Safe Ceramics
9	10/422,059	7,134,851	Reciprocating pump having a ceramic piston
10	10/090,450	7,148,454	Systems for Regulating Voltage to an Electrical Resistance Igniter
11	10/720,982	7,247,588	Zirconia Toughened Alumina ESD Safe Ceramic Composition, Component, and Methods for Making Same
12	10/646,235	7,329,467	Ceramic Article Having Corrosion-Resistant Layer, Semiconductor Processing Apparatus incorporating Same, and Method for forming Same
13	10/090,468	7,329,837	Ceramic igniters
14	11/014,198	7,527,761	Preparation of yttria-stabilized zirconia reaction sintered products
15	11/078,599	7,534,388	Method of Making Ceramic Component Containing inclusions
16	11/471,271	7,671,305	Systems for Regulating Voltage to an Electrical Resistance Igniter
17	11/261,421	7,675,005	Ceramic Igniter
18	11/927,326	7,727,919	High Resistivity Silicon Carbide
19	11/347,675	7,786,409	Igniter Shields
20	11/625,207	7,833,469	Preparation of yttria-stabilized zirconia reaction sintered products
21	11/210,247	8,017,062	Semiconductor Processing Components and Semiconductor Processing Utilizing Same
22	12/335,334	8,058,174	Method for treating semiconductor processing components and components formed thereby
23	11/962,352	8,071,495	Silicon Nitride Body and Method of Manufacture

24	12/069,563	8,193,469	Ceramic igniters
25	11/779,580	8,516,857	Zirconia toughened alumina ESD safe ceramic composition, component, and methods for making same
26	13/021,247	8,701,712	Method and apparatus for mitigating undesired fluid vibration
27	13/112,116	9,073,787	Ceramic to Ceramic Joint and Associated Methods
28	14/078,040	9,157,689	Fixed Bed Reactor Heat Transfer Structure
29	13/786,162	9,285,120	Igniter Shield Device and Methods Associated Therewith
30	14/591,840	9,724,897	Processing Method for Constraining Lower Melting Point Metals within Ceramic Laminates During Sintering
31	14/737,755	9,975,811	Sintered Ceramic Ball and Method of Making Same
32	14/708,880	10,000,422	Ceramic to Ceramic Joining Method
33	14/621,091	10,305,116	Cost-Effective Solid State Reactive Sintering Method for Protonic Ceramic Fuel Cells
34	11/576,422	7,915,196(Co-Owned with NREL)	Attririon Resistant Fluidzable Reforming Catalyst
35	29/407,171	D714,369	Wafer Paddle
36	29/495,223	D714,370	Wafer Paddle
37	29/495,224	D714,371	Wafer Paddle
38	15/353,429		Corrosion-Resistant Components and Methods of Making
39	15/593,888		Corrosion-Resistant Components and Methods of Making
40	16/918,889		Multi-Zone Silicon Nitride Wafer Heater Assembly Having Corrosion Protective Layer, and Methods of Making and Using the Same
41	16/928,554		Coating Methods and Materials to Reduce Aging of Sic Hot Surface Igniters
42	17/382,735		Corrosion-Resistant Components