506513470 02/19/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT6560245

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JOHN CIRALDO	01/25/2021
JONATHAN LEVINE-MILES	01/25/2021

RECEIVING PARTY DATA

Name:	J2 MATERIALS, LLC
Street Address:	8125 AUSTIN AVENUE
City:	MORTON GROVE
State/Country:	ILLINOIS
Postal Code:	60053

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17153403

CORRESPONDENCE DATA

Fax Number: (617)310-9136

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

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Correspondent Name: EMMANUEL D. FILANDRIANOS

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Address Line 2: **NUTTER MCCLENNEN & FISH LLP** Address Line 4: BOSTON, MASSACHUSETTS 02210

ATTORNEY DOCKET NUMBER:	4407-10603	
NAME OF SUBMITTER:	EMMANUEL D. FILANDRIANOS	
SIGNATURE:	/Emmanuel D. Filandrianos/	
DATE SIGNED:	02/19/2021	

Total Attachments: 4

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> **PATENT** REEL: 055332 FRAME: 0851 506513470

ASSIGNMENT

ASSIGNOR: John P. Ciraldo

Jonathan Levine-Miles

ASSIGNEE: J2 MATERIALS, LLC

8125 Austin Avenue Morton Grove, IL 60053

STATE OF

<u>INCORPORATION:</u> Illinois

TITLE: METHOD AND APPARATUS FOR GROWING

SYNTHETIC DIAMOND

ATTORNEY DOCKET: 4407-10603

<u>APPLICATION NO.:</u> 17/153,403

FILING DATE: January 20, 2021

Assignor is a joint inventor of a certain new and useful invention (the "Invention") described in a United States patent application (the "Application") bearing the above attorney docket number and having the above title. If a filing date and application number are shown, the Application has a Patent and Trademark Office filing date and application number as indicated above.

For valuable consideration, receipt of which is acknowledged, the Assignor hereby assigns to Assignee (which term shall include Assignee's successors and assigns), all of Assignor's right, title and interest in the Invention, all improvements therein, the Application and all priority rights arising therefrom, and any patents, and any reissues and extensions thereof, which issue in any country upon any patent applications which correspond with any of the following: the Application; any application that claims priority from the Application (including as a divisional, continuation-in-whole or continuation-in-part, or as an application claiming priority from a provisional application); or any application based in whole or in part on any of the above described applications; and Assignee accepts that assignment.

The Assignor further agrees that such Assignor and Assignor's heirs and legal representatives will, without further consideration, cooperate with Assignee in the prosecution of all of the above applications, execute, verify, acknowledge and deliver all such further papers, including applications for patents and for reissues, extensions, and instruments of assignment and transfer thereof, and will communicate any facts known to Assignor relating to the Invention, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee. The Assignor further agrees that such Assignor will, without further compensation to Assignor during the term of such Assignor's employment by Assignee and thereafter for reasonable compensation as determined by Assignee, perform such other acts

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as may be reasonably required when requested by Assignee, including attending depositions, preparing and executing declarations and affidavits and testifying as a witness, to obtain or maintain or enforce patents for the Invention and improvements therein in any and all countries and to vest title thereto in Assignee.

The Assignor hereby authorizes and requests Nutter McClennen & Fish LLP to supply any missing patent application identification information or correct any errors in the patent application identification information provided above, whether discovered prior to or after recordation.

By executing this Assignment, Assignee accepts the assignment set forth above.

The Assignor and Assignee agree that this instrument may be executed in any number of counterparts, each of which shall be deemed to be an original and all of which together shall constitute one and the same agreement; and that an original signature or a copy thereof transmitted by facsimile or by PDF shall constitute an original signature for purposes of this instrument.

* * * * *

[Signature pages follow]

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IN WITNESS WHEREOF, the Assignor and Assignee hereby execute this instrument on the date set forth below opposite their respective signatures.

ASSIGNORS

Date:	1/25/2021	John Civaldo
		John P. Ciraido, Assignor
		,o DocuSigned by:
Date:	1/25/2021	Jonathan Levine-Miles Jonathan Pervine-Miles, Assignor
		Johannan Perine-Miles, Assignor

ASSIGNEE

J2 MATERIALS, LLC

Docusigned by:	1 /25 /2021
Deal 11 1: 11	Data: 1/25/2021
DY: Baluta Lista EA a	Date:
Circatoria	
1 27 M 19 M 19 CAD 47 C	

Print Name: John Ciraldo

Address: 8125 Austin Avenue, Morton Grove, IL 60053

Title: Chief Technology Officer

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RECORDED: 02/19/2021

PATENT REEL: 055332 FRAME: 0855