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| <b>PATENT ASSIGNMENT COVER SHEET</b> |
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| <b>SUBMISSION TYPE:</b>   | NEW ASSIGNMENT                       |
| <b>NATURE OF CONVEYANCE:</b>  | ASSIGNMENT                           |
| <b>CONVEYING PARTY DATA</b>   |                                      |
| <b>Name</b>   | <b>Execution Date</b>                |
| JOHN R. MARCIANTE   | 08/10/2016                           |
| JORDAN P. LEIDNER   | 08/10/2016                           |
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| <b>State/Country:</b>   | NEW YORK                             |
| <b>Postal Code:</b>   | 14642                                |
| <b>PROPERTY NUMBERS Total: 1</b>  |                                      |
| <b>Property Type</b>  | <b>Number</b>                        |
| <b>Application Number:</b>  | 16318396                             |
| <b>CORRESPONDENCE DATA</b>  |                                      |
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| <b>ATTORNEY DOCKET NUMBER:</b>  | 096027-1122438                       |
| <b>NAME OF SUBMITTER:</b>   | SANDEE HARVEY                        |
| <b>SIGNATURE:</b>   | /Santee Harvey/                      |
| <b>DATE SIGNED:</b>   | 03/05/2019                           |
| <b>Total Attachments: 4</b>   |                                      |
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**ASSIGNMENT**  
(Patent Application)

We, **John R. Marciante** of 483 Holtz Hollow, Webster, New York 14580; and **Jordan P. Leidner** of 129 West Squire Drive, Apt. 4, Rochester, New York 14623 have invented certain inventions and improvements disclosed in a provisional patent application entitled

**“LMA FIBERS FOR SUPPRESSION OF THERMAL MODE INSTABILITY”**

filed with the U.S. Patent and Trademark Office on July 20, 2016;

and assigned Provisional Patent Application No. 62/364,542;

For valuable consideration, We:

1. Agree to assign, hereby assign, and have assigned to the UNIVERSITY OF ROCHESTER, a University of the State of New York having a principal place of business at Box URV, 601 Elmwood Avenue, Rochester, New York 14642 (“Assignee”), the entire right, title, and interest in and to:
  - (a) all intellectual property (including, without limitation, any innovation, information, invention, discovery, product, process, work or design) disclosed, embodied, shown, or claimed in the above-referenced patent application, implicitly or explicitly;
  - (b) the above-referenced patent application, the right to claim priority to the above-referenced patent application, all applications based in whole or in part upon the above-referenced patent application, including, without limitation, all applications that are a provisional, non-provisional, design, divisional, continuation, continuation-in-part, registration, utility model, industrial design, reissue, renewal, substitute, extension, reexamination, post-grant review, inter partes review, supplemental examination or non-U.S. patent application or application for other rights based in whole or in part on the above-referenced patent application;
  - (c) all patents (including, without limitation, all U.S. and non-U.S. patents, registrations, utility models, industrial designs, design patents, counterparts, continuations, continuations-in-part, divisionals, reissues, renewals, substitutes, extensions, reexaminations, post-grant reviews, inter partes reviews and supplemental examinations) that are granted or issued upon, or that claim priority to, any and all applications described in (b) of

ASSIGNMENT

Provisional Patent Application No. 62/364,542

Attorney Docket No. 096027-1018357

Page 2 of 4

this paragraph or that disclose or claim intellectual property described in (a) of this paragraph, in whole or in part; and

(d) all claims for damages by reason of past infringement of any rights under the applications or patents described in (a), (b) or (c) of this paragraph (including provisional rights to reasonable royalties pursuant to 35 U.S.C. §154(d)) and the right to sue for and collect such damages and royalties for Assignee's own use.

2. Authorize and request the U.S. Patent and Trademark Office or any other U.S. or non-U.S. agency to issue to the Assignee any and all patent(s), or other rights or documents, resulting from the intellectual property, patent application(s) and patents described in paragraph 1 of this Assignment.
3. Authorize the Assignee to apply in all countries in our names or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements.
4. Agree to sign all papers and documents, including without limitation, applications, declarations, oaths and petitions, and, at the Assignee's expense, perform any other acts that are necessary in connection with prosecution of patent application(s) or intellectual property described in paragraph 1 of this Assignment and the enforcement of patent(s) or other rights resulting from such patent application(s) or intellectual property.
5. Agree that the terms, covenants, and conditions of this Assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representatives, and shall be binding upon us, as well as our heirs, legal representatives, and assigns.
6. Promise and affirm that we have not entered, and will not enter, into any assignment, contract, or understanding that conflicts with this Assignment.

Signed on the dates indicated beside our signatures.

Signature: *John R. Marciante*  
JOHN R. MARCIANTE

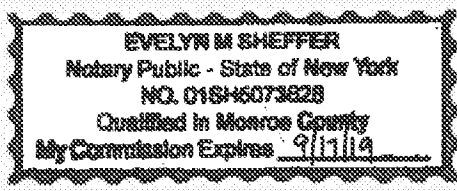
Date: *10<sup>th</sup> Aug 2016*

STATE OF New York

Before me, a Notary Public in and for the State of New York, on this 10 day of August, 2016, personally appeared John R. Marciante, who being duly sworn, signed and acknowledged the foregoing Assignment as his free act and deed.

(Seal)

*Evelyn M. Sheffer*  
NOTARY PUBLIC  
My Commission Expires:



Signature: Jordan Leidner  
JORDAN P. LEIDNER

Date: 8/10/16

STATE OF New York

Before me, a Notary Public in and for the State of New York, on this 10 day of August, 2016, personally appeared Jordan P. Leidner, who being duly sworn, signed and acknowledged the foregoing Assignment as his free act and deed.

(Seal)

Evelyn M. Sheffer  
NOTARY PUBLIC  
My Commission Expires:

