

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT6555283

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
LU LI	10/07/2020
NIKHIL KORATKAR	10/07/2020
SWASTIK BASU	02/13/2021
PRATEEK HUNDEKAR	11/30/2020
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	RENSELAER POLYTECHNIC INSTITUTE
<b>Street Address:</b>	110 8TH STREET
<b>Internal Address:</b>	J BUILDING
<b>City:</b>	TROY
<b>State/Country:</b>	NEW YORK
<b>Postal Code:</b>	12180
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	17042247
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(203)772-7723
<i>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.</i>	
<b>Phone:</b>	203-772-7700
<b>Email:</b>	lblair@murthalaw.com
<b>Correspondent Name:</b>	MURTHA CULLINA LLP ATTN: PATENT DOCKET
<b>Address Line 1:</b>	ONE CENTURY TOWER
<b>Address Line 2:</b>	265 CHURCH STREET
<b>Address Line 4:</b>	NEW HAVEN, CONNECTICUT 06510
<b>ATTORNEY DOCKET NUMBER:</b>	104228-202
<b>NAME OF SUBMITTER:</b>	ROBERT J. KASTEN
<b>SIGNATURE:</b>	/Robert J. Kasten/
<b>DATE SIGNED:</b>	02/17/2021
This document serves as an Oath/Declaration (37 CFR 1.63).	

**Total Attachments: 12**

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**ASSIGNMENT**

WHEREAS, We, Lu Li, residing at 2417 21<sup>st</sup> Street, Apartment 6, Troy, NY 12180, Nikhil Koratkar, residing at 51 Orchardview Drive, Clifton Park, NY 12065, Swastik Basu, residing at 2241 14<sup>th</sup> Street, Troy, NY 12180, and Prateek Hundekar, residing at 105A 14<sup>th</sup> Street, Troy, NY 12180, have invented certain new and useful improvements in METHODS FOR SELF-HEATING INDUCED HEALING OF METAL DENDRITES (“the Invention”) for which we:

- have executed or authorized the execution of an application for Letters Patent of the United States of even date herewith;
- have filed or authorized the filing of an application for Letters Patent of the United States on September 28, 2020 under Serial No. 17/042,247; and

WHEREAS, The above-identified application was made or authorized to be made by us. We believe that we are the original inventor or an original joint inventor of a claimed invention in the application. We hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both;

WHEREAS, Rensselaer Polytechnic Institute, organized under the laws of the State of New York, having its principal place of business at 110 8<sup>th</sup> Street, J Building, Troy, NY 12180, is desirous of obtaining the entire right, title, and interest in, to and under the said improvements and the said application;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said Rensselaer Polytechnic Institute, its successors, legal representatives, and assigns the entire right, title, and interest in, to and under the said Invention entitled METHODS FOR SELF-HEATING INDUCED HEALING

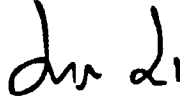
OF METAL DENDRITES and any and all improvements thereto, and in and to the said application and any division, continuation, continuation-in-part thereof or renewal thereof, and in and to any and all Letters Patent of the United States which may be issued on any said applications thereon, claim priority therefrom, and any and all reissues, re-exams and extensions thereof, and in and to any and all applications for Letters Patent filed in any country or countries foreign to the United States for the said Invention or improvements, including all priority rights, and any and all Letters Patent which may be granted in any country or countries foreign to the United States therefor, and in and to any other applications based in whole or in part on any of the foregoing; and we hereby authorize and request the Commissioner of Patents of the United States and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvement to the said Rensselaer Polytechnic Institute, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY represent, warrant and covenant that we have the full right and power to make this assignment and that the rights, titles, and interests assigned are not encumbered by any agent, license, or right heretofore given and that we have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further represent, warrant, covenant and agree that we will communicate to said Rensselaer Polytechnic Institute, its successors, legal representatives and assigns, any facts known to us respecting the said Invention and any and all improvements thereto, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths, and generally do everything possible to aid said Rensselaer Polytechnic Institute, its successors, legal representatives and assigns to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our signatures.

Date: 10/07/2020



\_\_\_\_\_  
Lu Li

Date: \_\_\_\_\_

\_\_\_\_\_  
Nikhil Koratkar

Date: \_\_\_\_\_

\_\_\_\_\_  
Swastik Basu

Date: \_\_\_\_\_

\_\_\_\_\_  
Prateek Hundekar

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OF METAL DENDRITES and any and all improvements thereto, and in and to the said application and any division, continuation, continuation-in-part thereof or renewal thereof, and in and to any and all Letters Patent of the United States which may be issued on any said applications thereon, claim priority therefrom, and any and all reissues, re-exams and extensions thereof, and in and to any and all applications for Letters Patent filed in any country or countries foreign to the United States for the said Invention or improvements, including all priority rights, and any and all Letters Patent which may be granted in any country or countries foreign to the United States therefor, and in and to any other applications based in whole or in part on any of the foregoing; and we hereby authorize and request the Commissioner of Patents of the United States and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvement to the said Rensselaer Polytechnic Institute, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

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Lu Li

Date: 10/07/2020



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Date: \_\_\_\_\_

Swastik Basu

Date: \_\_\_\_\_

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Lu Li

Date: \_\_\_\_\_

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Date: 02/13/2021

  
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Date: \_\_\_\_\_

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Nikhil Koratkar

Date: \_\_\_\_\_

\_\_\_\_\_  
Swastik Basu

Date: 11/30/20

  
\_\_\_\_\_  
Prateek Hundekar