

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5166507

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
DAEGYOUM KIM	09/29/2018
RECEIVING PARTY DATA	
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City:	PROVIDENCE
State/Country:	RHODE ISLAND
Postal Code:	02912
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14160337
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ATTORNEY DOCKET NUMBER:	405505-502001US
NAME OF SUBMITTER:	MARIE LOPRESTI
SIGNATURE:	/Marie LoPresti/
DATE SIGNED:	10/01/2018
Total Attachments: 3	
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source=405505-502001US Assignment - Signatures Required_Daegyoum_Kim#page2.tif	
source=405505-502001US Assignment - Signatures Required_Daegyoum_Kim#page3.tif	

ASSIGNMENT

THIS ASSIGNMENT, made this _____ day of _____, 2018, by **Shreyas Mandre**, residing at 40 Wriston Drive, Providence, RI 02906; **Kenneth Breuer**, residing at 24 Cochituate Road, Newton, MA 02461; **Benjamin Strom**, 59 Pitman Street, Providence, RI 02906; **Michael Miller** residing at 210 Howell Street, FL2, Providence, RI 02906; **Jennifer Franck** residing at 130 5th Street, Providence, RI 02906 and **Daegyoun Kim** residing at 20 Medway Street, Apt. 11, Providence, RI 02906 (hereinafter referred to as Assignor); **WHEREAS**, Assignor has invented certain new and useful improvements in:

KINETIC ENERGY HARVESTING USING CYBER-PHYSICAL SYSTEMS

set forth in a patent application for Letters Patent of the United States, already filed on January 21, 2014 as U.S. Patent Application No. 14/160,337; and

WHEREAS, **Brown University**, having its principal place of business at Box 1949, Providence, RI 02912 (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, for good and sufficient consideration, the receipt of which is hereby acknowledged, Assignor has sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefor and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be

granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignor, had this sale and assignment not been made.

AND for the same consideration, Assignor hereby represents and warrants to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignor is the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same is unencumbered and that Assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignor hereby covenant and agrees to and with Assignee, its successors, legal representatives and assigns that: Assignor will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise; that any proceeding in connection with said inventions, or said Design application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; and, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignor hereby requests the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignor hereby grants the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply

with the rules of the United States Patent and Trademark Office for recordation of this document:

ADLER POLLOCK & SHEEHAN P.C.

All practitioners at Customer Number 133139

AND Assignor acknowledges an obligation of assignment of this invention to Assignee at the time the invention was made.

This Patent Assignment may be executed in counterparts, each of which shall be deemed an original, but all of which together shall be deemed one and the same agreement. A signed copy of this Patent Assignment delivered by facsimile, e-mail, or other means of electronic transmission shall be deemed to have the same legal effect as delivery of an original signed copy of this Patent Assignment.

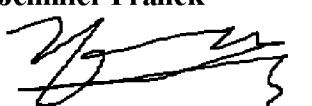
Date: _____ Signature: _____
Shreyas Mandre

Date: _____ Signature: _____
Kenneth Breuer

Date: _____ Signature: _____
Benjamin Strom

Date: _____ Signature: _____
Michael Miller

Date: _____ Signature: _____
Jennifer Franck

Date: 29 Sep 2018 Signature: 
Daegyoun Kim