# 505675239 09/17/2019

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5722046

SUBMISSION TYPE:		NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		CORRECTED COVER SHEET IS SUBMITTED TO CORRECT THE ADDRESS OF COVER SHEET PREVIOUSLY RECORDED AT REEL 050351, FRAME 0568 ON SEPTEMBER 12, 2019.			
CONVEYING PARTY D	АТА				
		Name	Execution Date		
MOHAMMAD AMIN KAF	RAMI		09/06/2019		
MOHAMMAD HOSSEIN	ANSARI		08/28/2019		
RECEIVING PARTY DA	ТА				
Name:	THE RESEARCH FOUNDATION FOR THE STATE UNIVERSITY OF NEW YORK				
Street Address:	TECHNOL	DGY TRANSFER, UNIVERSITY AT BUFFAL	C		
Internal Address:	520 LEE E	NTRANCE, SUITE 109, UB COMMONS			
City:	AMHERST				
State/Country:	NEW YORI	<			
Postal Code:	14228				
PROPERTY NUMBERS Total: 3 Property Type		Number			
Application Number:		64657			
Application Number:	62218657				
PCT Number:	US1	651858			
CORRESPONDENCE D	ΑΤΑ				
<b>Fax Number:</b> (248)641-0270					
		e-mail address first; if that is unsuccessf that is unsuccessful, it will be sent via US			
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Email: Correspondent Name:	troy HAF	mailroom@hdp.com , scooper@hdp.com RNESS, DICKEY & PIERCE, P.L.C.			
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Email: Correspondent Name: Address Line 1: Address Line 4:	troy HAF P.O BLC	nailroom@hdp.com , scooper@hdp.com RNESS, DICKEY & PIERCE, P.L.C. . BOX 828			
Email: Correspondent Name: Address Line 1: Address Line 4:	troy HAF P.O BLC	mailroom@hdp.com , scooper@hdp.com RNESS, DICKEY & PIERCE, P.L.C. . BOX 828 POMFIELD HILLS, MICHIGAN 48303			
Email: Correspondent Name: Address Line 1:	troy HAF P.O BLC	mailroom@hdp.com , scooper@hdp.com RNESS, DICKEY & PIERCE, P.L.C. BOX 828 OMFIELD HILLS, MICHIGAN 48303 2115-006782-US			

#### **Total Attachments: 5**

source=R-7003 Assignment Karami and Ansari 082219\_signed\_Ansari (002)#page1.tif source=R-7003 Assignment Karami and Ansari 082219\_signed\_Ansari (002)#page2.tif source=R-7003 Assignment Karami and Ansari 091019 Exec (002)#page1.tif source=R-7003 Assignment Karami and Ansari 091019 Exec (002)#page2.tif source=Original\_Cover\_Sheet\_2115\_006782\_US#page1.tif

#### ASSIGNMENT

In exchange for good and valuable consideration, including the use of university facilities and/or salary and/or employee benefits, the receipt of which is hereby acknowledged, **M. Amin Karami**, residing at 184 Brenridge Drive, East Amherst, NY 14051; and **Mohammad Hossein Ansari**, residing at 7971 S. 6<sup>th</sup> Street, #333, Oak Creek, WI 53154, the undersigned;

Hereby sell, assign and transfer to **The Research Foundation for the State University of New York**, having a place of business at, Technology Transfer, University at Buffalo, 520 Lee Entrance, Suite 109, UB Commons, Amherst, New York 14228, its successors, assigns and legal representatives, our entire right, title and interest in the United States and all foreign countries, in and to any and all inventions disclosed in **Foundation Docket R-7003 - Energy Harvesting for Leadless Pacemakers**, as claimed in the following patent applications (hereinafter, collectively, "the enumerated applications"), and including tangible research materials, computer software, and any unique or novel innovation in the technical arts or any new and useful improvements thereof, including methods or processes for creating an object or result (a way of doing or making things), machines, devices, products of manufacture, product designs, or composition, maskworks or layout designs for printed circuit boards or integrated circuits, compositions of matter, materials, any variety of plant, ("Inventions"), as well as any know-how essential to the practice or enablement of such Inventions, and improvements in and to any and all Inventions, whether or not patentable:

Country/Int. Authority	Patent Application No.	Filing Date	Title
			Energy Harvesting for Leadless
US	62/218,657	September 15, 2015	Pacemakers
US	15/264,657	September 14, 2016	Energy Harvesting for Leadless Pacemakers
			Energy Harvesting for Leadless
WO	PCT/US2016/051858	September 15, 2016	Pacemakers

And in and to the enumerated applications and all applications, United States patents or similar legal protections that claim benefit or priority of any or all of the enumerated applications, including all non-provisionals or national / regional stage applications under any

PATENT REEL: 050398 FRAME: 0165 Assignment to The Research Foundation for The State University of New York Page 2 of 2

and all International Conventions or Treaties, including the Patent Cooperation Treaty and the European Patent Convention, and all divisionals, continuations, continuations-in-part, reissues, renewals and extensions thereof, and all substitutes of any of the foregoing, which have been or shall be filed or issued in the United States and in any or all foreign countries on any or all of said inventions; for the entire term thereof, as fully and entirely as the same would have been held by us had this sale, assignment and transfer not been made;

And the right to file, prosecute to issuance and pursue any post-grant proceedings regarding any or all of the afore-mentioned applications, patents of the United States or similar legal protections claiming benefit or priority of the enumerated applications in any and all countries or under any and all International Conventions or Treaties in the name of said Assignee and/or in the name(s) of the undersigned;

And we agree that, when requested, we shall execute all rightful oaths or declarations, assignments, powers of attorney and other papers; communicate to the Assignee, its successors, assigns and legal representatives any facts known to us respecting said inventions, testify in all legal proceedings and generally do everything possible to aid in securing and maintaining proper United States patents or similar legal protections for said inventions;

And covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, license, other agreement, mortgage or other encumbrance affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date:

Date: 2019.08.28 19:55:49 -05'00'

M. Amin Karami M.h. Ansari

Mohammad Hossein Ansari

#### ASSIGNMENT

In exchange for good and valuable consideration, including the use of university facilities and/or salary and/or employee benefits, the receipt of which is hereby acknowledged, **M. Amin Karami**, residing at 184 Brenridge Drive, East Amherst, NY 14051; and **Mohammad Hossein Ansari**, residing at 7971 S. 6<sup>th</sup> Street, #33, Oak Creek, WI 53154, the undersigned;

Hereby sell, assign and transfer to **The Research Foundation for the State University of New York**, having a place of business at, Technology Transfer, University at Buffalo, 520 Lee Entrance, Suite 109, UB Commons, Amherst, New York 14228, its successors, assigns and legal representatives, our entire right, title and interest in the United States and all foreign countries, in and to any and all inventions disclosed in **Foundation Docket R-7003 - Energy Harvesting for Leadless Pacemakers**, as claimed in the following patent applications (hereinafter, collectively, "the enumerated applications"), and including tangible research materials, computer software, and any unique or novel innovation in the technical arts or any new and useful improvements thereof, including methods or processes for creating an object or result (a way of doing or making things), machines, devices, products of manufacture, product designs, or composition, maskworks or layout designs for printed circuit boards or integrated circuits, compositions of matter, materials, any variety of plant, ("Inventions"), as well as any know-how essential to the practice or enablement of such Inventions, and improvements in and to any and all Inventions, whether or not patentable:

Country/Int.	Patent Application	Filing Date	Title
Authority	No.		
			Energy Harvesting for Leadless
US	62/218,657	September 15, 2015	Pacemakers
			Energy Harvesting for Leadless
US	15/264,657	September 14, 2016	Pacemakers
			Energy Harvesting for Leadless
WO	PCT/US2016/051858	September 15, 2016	Pacemakers

And in and to the enumerated applications and all applications, United States patents or similar legal protections that claim benefit or priority of any or all of the enumerated applications, including all non-provisionals or national / regional stage applications under any

PATENT REEL: 050398 FRAME: 0167 Assignment to The Research Foundation for The State University of New York Page 2 of 2

and all International Conventions or Treaties, including the Patent Cooperation Treaty and the European Patent Convention, and all divisionals, continuations, continuations-in-part, reissues, renewals and extensions thereof, and all substitutes of any of the foregoing, which have been or shall be filed or issued in the United States and in any or all foreign countries on any or all of said inventions; for the entire term thereof, as fully and entirely as the same would have been held by us had this sale, assignment and transfer not been made;

And the right to file, prosecute to issuance and pursue any post-grant proceedings regarding any or all of the afore-mentioned applications, patents of the United States or similar legal protections claiming benefit or priority of the enumerated applications in any and all countries or under any and all International Conventions or Treaties in the name of said Assignee and/or in the name(s) of the undersigned;

And we agree that, when requested, we shall execute all rightful oaths or declarations, assignments, powers of attorney and other papers; communicate to the Assignee, its successors, assigns and legal representatives any facts known to us respecting said inventions, testify in all legal proceedings and generally do everything possible to aid in securing and maintaining proper United States patents or similar legal protections for said inventions;

And covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, license, other agreement, mortgage or other encumbrance affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

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

R. L. Karasii

M. Amin Karami

Date:

Mohammad Hossein Ansari

#### 505667924 09/12/2019

### **PATENT ASSIGNMENT COVER SHEET**

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5714731

SUBMISSION TYPE:		NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT			
CONVEYING PARTY	ΑΤΑ				
		Name	Execution Date		
MOHAMMAD AMIN KA	RAMI		09/06/2019		
MOHAMMAD HOSSEII	N ANSARI		08/28/2019		
RECEIVING PARTY D	ATA				
Name:	THE RESEA	THE RESEARCH FOUNDATION FOR THE STATE UNIVERSITY OF NEW YORK			
Street Address:	UNIVERSIT	Y AT BUFFALO, OFFICE OF SCIE	INCE		
Internal Address:	TECHNOLO	OGY TRANSFER AND ECONOMIC	OUTREACH		
City:	AMHERST				
State/Country:	NEW YORK				
Postal Code:	14228				
Property Type		Number			
PROPERTY NUMBER		Number	1		
Application Number:	1526	64657			
Application Number: 62218		8657			
PCT Number:	US1	651858			
	(248 be sent to the provided; if t (248 troyr HAF P.O.	)641-0270 <i>e-mail address first; if that is uns hat is unsuccessful, it will be ser</i> ) 641-1600 nailroom@hdp.com , scooper@hdp NESS, DICKEY & PIERCE, P.L.C. BOX 828 OMFIELD HILLS, MICHIGAN 4830	nt via US Mail. o.com		
ATTORNEY DOCKET N		2115-006782-US			
NAME OF SUBMITTER:		SHANE T. COOPER			
SIGNATURE:		/Shane T. Cooper/			
DATE SIGNED:		09/12/2019			
Total Attachments: 4					
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