# 502924103 08/06/2014

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
IOANNIS KYMISSIS		08/02/2014
MARSHALL COX		08/05/2014
JOHN SARIK		08/05/2014

Name:	The Trustees of Columbia University in the City of New York		
Street Address:	535 West 116th Street		
Internal Address:	412 Low Memorial Library		
City:	New York		
State/Country:	NEW YORK		
Postal Code:	10027		

#### **PROPERTY NUMBERS Total: 5**

Property Type	Number
Application Number:	14001208
PCT Number:	US1226608
Application Number:	61505654
Application Number:	61466261
Application Number:	61446903

# CORRESPONDENCE DATA

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NAME OF SUBMITTER:		STEPHEN KENNY		
SIGNATURE:		/Stephen Kenny/		
DATE SIGNED:		08/06/2014		

# **Total Attachments: 5**

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## ASSIGNMENT

# WHEREAS,

Ioannis Kymissis, a citizen of the United States, and whose post office address is 412 Low Memorial Library, 535 West 116th Street, New York, NY 10027; and

Marshall Cox, a citizen of the United States, an d whose post office address is 119 Montague Street #3, Brooklyn, NY 11201; and

John Sarik, a citizen of the United States, and whose post office address is 412 Low Memorial Library, 535 West 116th Street, New York, NY 10027

(hereinafter referred to as "ASSIGNORS"), as joint inventors, have invented a new invention for "WIRELESS AUTOMATIC TEMPERATURE CONTROL OF RADIATOR HEATING" for which a National Stage application for United States Letters Patent, an International Application and a provisional application as identified by Attorney Docket Nos. 011827-72000, 011827-72001 & 2413.129PV3

[ ] is being filed concurrently with the recordation of this Assignment

# [X] were filed on <u>August 23, 2013</u> as Application No. <u>14/001,208</u> and on <u>February 24,</u> <u>2012</u> as Application No. <u>PCT/US2012/026608</u> and on <u>July 8, 2011</u> as Application No. <u>61/505,654</u>

(hereinafter referred to as "ASSIGNORS"), as joint inventors, have invented a new invention for "WIRELESS TEMPERATURE CONTROL FOR BUILDINGS WITH RADIATOR HEATING" and "VARIABLE INSULATION FOR RADIATOR HEATING CONTROL" for which provisional applications for United States Letters Patent as identified by Attorney Docket Nos. 2413.129PV2 and 2413.129PRV

[ ] is being filed concurrently with the recordation of this Assignment

[X] were filed on <u>March 22, 2011</u> as Application No. <u>61/466,261</u> and on <u>February 25,</u> <u>2011</u> as Application No. <u>61/446,903</u>

**WHEREAS**, 64542352\_1

PATENT REEL: 033477 FRAME: 0307 The Trustees of Columbia University in the City of New York, existing under the laws of the State of New York, having its principal place of business at 412 Low Memorial Library, 535 West 116th Street, New York, NY 10027 (hereinafter referred to as "ASSIGNEE"), is desirous of obtaining our entire right, title and interest in, to and under the said invention and all improvements thereto and the said application;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNORS have sold, assigned, transferred and set over, and by these presents do hereby agree to sell, assign, transfer and set over, unto ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in, to and under said invention and all improvements and embodiments thereto and said United States provisional application or said application for United States Letters Patent, as the case may be, and said invention in all applications based in whole or in part on the aforementioned patent applications, and said invention in all applications claiming priority thereto or converted therefrom, and all divisions, renewals, continuations and continuations-in-part thereof and any supplemental provisional applications, and all Patents of the United States which may be granted thereon and all reissues, reexaminations and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries other than the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof (all of the foregoing being hereinafter collectively referred to as the "Patents Rights"), the same to be held and enjoyed by ASSIGNEE for its own use and enjoyment and for the use and enjoyment of its successors, assigns and legal representatives, to the end of the term or terms for which the Patent Rights are granted, reissued, or extended, as fully and entirely as the same would have been held and enjoyed by ASSIGNORS if this assignment had not been made, together with all claims for damages by reason of past, present or future infringement of the Patent Rights, with the right to sue for and collect the same in the sole name of ASSIGNEE or its successors, assigns, or legal representatives, for ASSIGNEE's own use and enjoyment, and for the use and enjoyment of ASSIGNEE successors, assigns and legal representatives.

PATENT REEL: 033477 FRAME: 0308 ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to ASSIGNEE, its successors, assigns and legal representatives, in accordance with the terms of this instrument;

ASSIGNORS hereby covenant and agree that ASSIGNORS have full right to convey the entire right, title and interest herein assigned, that such right, title and interest is unencumbered, and that ASSIGNORS have not executed, and will not execute, any agreement in conflict herewith;

ASSIGNORS further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits and any other papers in connection therewith necessary to perfect such rights, title and interest in ASSIGNEE, its successors, assigns and legal representatives;

ASSIGNORS further covenant and agree that ASSIGNORS will communicate to ASSIGNEE, its successors, assigns and legal representatives, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue, reexamination, foreign applications or other such Letters Patent, make all rightful oaths, and generally do everything possible to aid ASSIGNEE or, its successors, assigns and legal representatives, to obtain and enforce proper protection for said invention in all countries;

ASSIGNORS hereby authorize ASSIGNEE's patent attorney to complete this form by the addition of the application number, application filing date, and attorney docket number, if necessary.

2NO IN WITNESS WHEREOF, I have hereunto set my hand and seal this  $\frac{2}{6}$  day of  $\frac{1}{6}$ ,

201U

Ioannis Kymissis

On \_\_\_\_\_\_, 20\_\_\_, before me personally came \_\_\_\_\_\_, to me known, and known to me to be the individual described and identified in the foregoing ASSIGNMENT, and who executed said ASSIGNMENT, and duly acknowledged to me that s/he executed the same.

WITNES

PATENT REEL: 033477 FRAME: 0309

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IN WITNESS WHEREOF, I have hereunto set my hand and seal this 5 day of August,

2014. Marshall Cox

On \_\_\_\_\_\_, 20\_\_\_, before me personally came \_\_\_\_\_\_, to me known, and known to me to be the individual described and identified in the foregoing ASSIGNMENT, and who executed said ASSIGNMENT, and duly acknowledged to me that s/he executed the same.

WITNESS

IN WITNESS WHEREOF, I have hereunto set my hand and seal this \_\_\_\_ day of \_\_\_\_\_, 20\_\_.

John Sarik

On \_\_\_\_\_\_, 20\_\_\_, before me personally came \_\_\_\_\_\_, to me known, and known to me to be the individual described and identified in the foregoing ASSIGNMENT, and who executed said ASSIGNMENT, and duly acknowledged to me that s/he executed the same.

WITNESS

IN WITNESS WHEREOF, I have hereunto set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_\_, 20 .

Marshall Cox

On \_\_\_\_\_\_, 20\_\_\_, before me personally came \_\_\_\_\_\_, to me known, and known to me to be the individual described and identified in the foregoing ASSIGNMENT, and who executed said ASSIGNMENT, and duly acknowledged to me that s/he executed the same.

WITNESS

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 5 day of <u>August</u>, 20/4.

John Sarik

On <u>Angust</u> S,  $20\underline{14}$ , before me personally came <u>VEEPAK</u> <u>IAYARAJ</u>, to me known, and known to me to be the individual described and identified in the foregoing ASSIGNMENT, and who executed said ASSIGNMENT, and duly acknowledged to me that s/he executed the same.

WITNESS

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## **RECORDED: 08/06/2014**