

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5579243

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ISHA GUPTA	06/06/2019
ALEXANTROU SERB	06/18/2019
THEMISTOKLIS PRODROMAKIS	06/07/2019
RECEIVING PARTY DATA	
Name:	UNIVERSITY OF SOUTHAMPTON
Street Address:	HIGHFIELD
City:	SOUTHAMPTON
State/Country:	UNITED KINGDOM
Postal Code:	SO17 1BJ
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16349107
CORRESPONDENCE DATA	
Fax Number:	(215)568-6499
<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>	
Phone:	2155686400
Email:	lgivigliano@vklaw.com
Correspondent Name:	VOLPE AND KOENIG P.C.
Address Line 1:	30 SOUTH 17TH STREET
Address Line 2:	SUITE 1800
Address Line 4:	PHILADELPHIA, PENNSYLVANIA 19103
ATTORNEY DOCKET NUMBER:	JAK-PT008
NAME OF SUBMITTER:	ROBERT D. LEONARD
SIGNATURE:	/Robert D. Leonard/
DATE SIGNED:	06/19/2019
Total Attachments: 6	
source=JAK_PT008_Assignments_EFS#page1.tif	
source=JAK_PT008_Assignments_EFS#page2.tif	
source=JAK_PT008_Assignments_EFS#page3.tif	

source=JAK_PT008_Assignments_EFS#page4.tif

source=JAK_PT008_Assignments_EFS#page5.tif

source=JAK_PT008_Assignments_EFS#page6.tif

ASSIGNMENT

Isha GUPTA, residing at Research & Innovation Services, Room 4107, Building 37, University of Southampton, Highfield, Southampton, Hampshire, SO17 1BJ, United Kingdom, a citizen of INDIA; **Alexantrou SERB**, residing at Research & Innovation Services, Room 4107, Building 37, University of Southampton, Highfield, Southampton, Hampshire, SO17 1BJ, United Kingdom, a citizen of _____, and **Themistoklis PRODRAMAKIS**, residing at Research & Innovation Services, Room 4107, Building 37, University of Southampton, Highfield, Southampton, Hampshire, SO17 1BJ, United Kingdom, a citizen of _____, (hereafter jointly and severally referred to as the undersigned), are the inventors of

***METHOD AND SYSTEM FOR DETECTING EVENTS IN AN INPUT SIGNAL
USING VOLATILE MEMRISTOR STATE CHANGE***

for which the undersigned have executed an application for United States Letters Patent, U.S. Patent Application No. 16/349,107, filed May 10, 2019.

The undersigned hereby authorize assignee or assignee's representative to insert the Application Number and the filing date of this application if they are unknown at the time of execution of this assignment.

UNIVERSITY OF SOUTHAMPTON, a university, having a principal place of business at Highfield Southampton SO17 1BJ, United Kingdom, (hereafter referred to as the assignee), is desirous of acquiring the entire right, title and interest in said invention, all applications for and all letters patent issued on said invention.


For good and valuable consideration, the receipt and sufficiency of which is acknowledged, the undersigned, intending to be legally bound, do hereby sell, assign and transfer to the assignee and assignee's successors, assigns and legal representatives the entire right, title and interest, legal and equitable, in said invention and all patent applications thereon, including, but not limited to, the

application for United States Letters Patent entitled as above, and all divisions and continuations thereof, and in all letters patent, including all reissues and reexaminations thereof, throughout the world, including the right to claim priority under the Paris Convention or other treaty.

It is agreed that the undersigned shall be legally bound, upon request of the assignee, to supply all information and evidence relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention throughout the world for the benefit of the assignee, and to execute all instruments proper to carry out the intent of this instrument.

The undersigned warrant that the rights and property herein conveyed are free and clear of any encumbrance.

06/06/19
Date

 (L.S.)
Isha GUPTA

Date

(L.S.)
Alexantrou SERB

Date

(L.S.)
Themistoklis PRODROMAKIS

ASSIGNMENT

Isha GUPTA, residing at Research & Innovation Services, Room 4107, Building 37, University of Southampton, Highfield, Southampton, Hampshire, SO17 1BJ, United Kingdom, a citizen of _____; **Alexantrou SERB**, residing at Research & Innovation Services, Room 4107, Building 37, University of Southampton, Highfield, Southampton, Hampshire, SO17 1BJ, United Kingdom, a citizen of _____, and **Themistoklis PRODROMAKIS**, residing at Research & Innovation Services, Room 4107, Building 37, University of Southampton, Highfield, Southampton, Hampshire, SO17 1BJ, United Kingdom, a citizen of _____, (hereafter jointly and severally referred to as the undersigned), are the inventors of

***METHOD AND SYSTEM FOR DETECTING EVENTS IN AN INPUT SIGNAL
USING VOLATILE MEMRISTOR STATE CHANGE***

for which the undersigned have executed an application for United States Letters Patent, U.S. Patent Application No. 16/349,107, filed May 10, 2019.

The undersigned hereby authorize assignee or assignee's representative to insert the Application Number and the filing date of this application if they are unknown at the time of execution of this assignment.


UNIVERSITY OF SOUTHAMPTON, a university, having a principal place of business at Highfield Southampton SO17 1BJ, United Kingdom, (hereafter referred to as the assignee), is desirous of acquiring the entire right, title and interest in said invention, all applications for and all letters patent issued on said invention.

For good and valuable consideration, the receipt and sufficiency of which is acknowledged, the undersigned, intending to be legally bound, do hereby sell, assign and transfer to the assignee and assignee's successors, assigns and legal representatives the entire right, title and interest, legal and equitable, in said invention and all patent applications thereon, including, but not limited to, the

application for United States Letters Patent entitled as above, and all divisions and continuations thereof, and in all letters patent, including all reissues and reexaminations thereof, throughout the world, including the right to claim priority under the Paris Convention or other treaty.

It is agreed that the undersigned shall be legally bound, upon request of the assignee, to supply all information and evidence relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention throughout the world for the benefit of the assignee, and to execute all instruments proper to carry out the intent of this instrument.

The undersigned warrant that the rights and property herein conveyed are free and clear of any encumbrance.

_____	_____ (L.S.)
Date	Isha GUPTA
18/6/19	
_____	_____ (L.S.)
Date	Alexantrou SERB
_____	_____ (L.S.)
Date	Themistoklis PRODROMAKIS

ASSIGNMENT

Isha GUPTA, residing at Research & Innovation Services, Room 4107, Building 37, University of Southampton, Highfield, Southampton, Hampshire, SO17 1BJ, United Kingdom, a citizen of _____; **Alexantrou SERB**, residing at Research & Innovation Services, Room 4107, Building 37, University of Southampton, Highfield, Southampton, Hampshire, SO17 1BJ, United Kingdom, a citizen of _____, and **Themistoklis PRODROMAKIS**, residing at Research & Innovation Services, Room 4107, Building 37, University of Southampton, Highfield, Southampton, Hampshire, SO17 1BJ, United Kingdom, a citizen of _____, (hereafter jointly and severally referred to as the undersigned), are the inventors of

***METHOD AND SYSTEM FOR DETECTING EVENTS IN AN INPUT SIGNAL
USING VOLATILE MEMRISTOR STATE CHANGE***

for which the undersigned have executed an application for United States Letters Patent, U.S. Patent Application No. 16/349,107, filed May 10, 2019.

The undersigned hereby authorize assignee or assignee's representative to insert the Application Number and the filing date of this application if they are unknown at the time of execution of this assignment.

UNIVERSITY OF SOUTHAMPTON, a university, having a principal place of business at Highfield Southampton SO17 1BJ, United Kingdom, (hereafter referred to as the assignee), is desirous of acquiring the entire right, title and interest in said invention, all applications for and all letters patent issued on said invention.

For good and valuable consideration, the receipt and sufficiency of which is acknowledged, the undersigned, intending to be legally bound, do hereby sell, assign and transfer to the assignee and assignee's successors, assigns and legal representatives the entire right, title and interest, legal and equitable, in said invention and all patent applications thereon, including, but not limited to, the

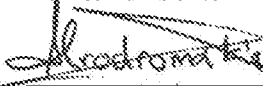
application for United States Letters Patent entitled as above, and all divisions and continuations thereof, and in all letters patent, including all reissues and reexaminations thereof, throughout the world, including the right to claim priority under the Paris Convention or other treaty.

It is agreed that the undersigned shall be legally bound, upon request of the assignee, to supply all information and evidence relating to the making and practice of said invention, to testify in any legal proceeding relating thereto, to execute all instruments proper to patent the invention throughout the world for the benefit of the assignee, and to execute all instruments proper to carry out the intent of this instrument.

The undersigned warrant that the rights and property herein conveyed are free and clear of any encumbrance.

_____	_____ (L.S.)
Date	Isha GUPTA

_____	_____ (L.S.)
Date	Alexantrou SERB

<u>7/6/2019</u>	 (L.S.)
Date	Themistoklis PRODROMAKIS