

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT5417211

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
YANG LV	03/01/2019
MAHDI JAMALI	01/09/2019
RECEIVING PARTY DATA	
Name:	REGENTS OF THE UNIVERSITY OF MINNESOTA
Street Address:	200 OAK STREET SE
Internal Address:	SUITE 600 MCNAMARA ALUMNI CENTER
City:	MINNEAPOLIS
State/Country:	MINNESOTA
Postal Code:	55455
PROPERTY NUMBERS Total: 2	
Property Type	Number
Application Number:	62434166
Application Number:	15839081
CORRESPONDENCE DATA	
Fax Number:	(651)735-1102
<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:	6517351100
Email:	pairedocketing@ssiplaw.com
Correspondent Name:	SHUMAKER & SIEFFERT
Address Line 1:	1625 RADIO DRIVE
Address Line 2:	SUITE 300
Address Line 4:	WOODBURY, MINNESOTA 55125
ATTORNEY DOCKET NUMBER:	1008-183US01/20160423
NAME OF SUBMITTER:	ALIYA R. KHAZON
SIGNATURE:	/Aliya R. Khazon/
DATE SIGNED:	03/12/2019
Total Attachments: 7	
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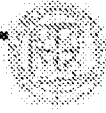
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UNIVERSITY OF MINNESOTA

ASSIGNMENT

WHEREAS, I, Yang Lv, have invented certain new and useful improvements in TWO-TERMINAL SPINTRONIC DEVICES, for which applications for Letters Patents of the United States have been made, said applications being filed as follows: Provisional application no. 62/434,166 on December 14, 2016 and Utility application no. 15/839,081 on December 12, 2017 (the "Application(s)");

Whereas, REGENTS OF THE UNIVERSITY OF MINNESOTA ("Assignee"), having offices at 600 McNamara Alumni Center, 200 Oak Street SE, Minneapolis, Minnesota 55455-2020, is desirous of documenting the acquisition of the entire right, title and interest in and to said invention, said Application(s) and in, to and under any and all Letters Patent to be obtained therefor;

WHEREAS, I hereby acknowledge an obligation of assignment of the inventions disclosed in the Application(s) to Assignee at the time the invention(s) was made;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, and to the extent that I have not done so already via a prior agreement with the Assignee, or if I have already done so via a prior agreement with the Assignee then in confirmation of said prior agreement, I have sold, assigned, transferred and set over and by these presents do sell, assign, transfer and set over unto Assignee, its successors and assigns, the entire right, title and interest in and to the inventions set forth hereinabove and the entire right, title and interest in and to any and all Letters Patent of the United States and any foreign countries which may be granted therefor on the Application(s) including rights of priority under the Paris Convention for the Protection of Industrial Property and the European Patent Convention, and in and to any and all extensions, divisions, continuations, continuations-in-part or reissues of said Application(s) and Letters Patent that may be granted, including all rights to claim priority therefrom, and specifically including the right to enforce such Letters Patent in the name of Assignee and to recover damages for past infringement of the rights conveyed herein, the same to be held and enjoyed by Assignee for its own use and benefit and use and benefit of its successors and assigns to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me had this assignment and sale not been made.

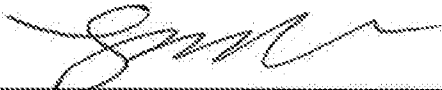
I hereby authorize said Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent, in its own name if desired, in any and all foreign countries, and additionally to claim the filing date of any the Application(s) and/or otherwise take advantage of the provisions of the Paris Convention.

Attorney Docket Number 1008-183US01
UM Case No. 20160423

Upon said consideration I do hereby covenant and agree with said Assignee, its successors and assigns, that I will not execute in writing or do any act whatsoever conflicting with these presents, and that I or my executors or administrators will at any time upon request, without further or additional consideration, but at the expense of said Assignee, its successors and assigns, execute such additional writings and do such additional acts as said Assignee, its successors and assigns, may deem necessary or desirable to perfect the Assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, reissues or extended Letters Patent of the United States, or of any and all foreign countries on said invention, and in enforcing any rights occurring as a result of such application or patents, by giving testimony in any proceedings or transactions involving such applications or patents.

I hereby request the Honorable Commissioner of Patents and Trademarks to issue the Letters Patent to Assignee in accordance with this instrument.

IN WITNESS WHEREOF, I have hereunto set my hand on this 1st day of March, 2019.



Yang Lv

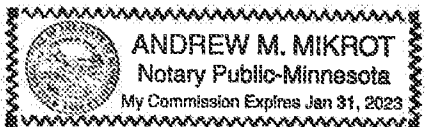
STATE OF Minnesota)
COUNTY OF Hennepin)

On this 1st day of March, 2019, before me personally appeared Yang Lv, to me known to be the person described in and who executed the foregoing instrument and acknowledged that s/he executed the same as his/her free act and deed.

IN WITNESS WHEREOF, I have hereunto affixed my official signature with the seal of my office, the day and year above written.




Notary Public



Attorney Docket Number 1008-183US01
UM Case No. 20160423

IN WITNESS WHEREOF, I have hereunto set my hand on this 4th day of March, 2019, on behalf of Assignee Regents of the University of Minnesota accepting this assignment.

REGENTS OF THE UNIVERSITY OF MINNESOTA

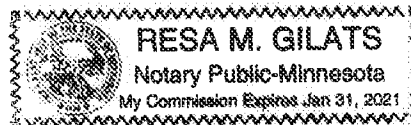

Paul B. Saveriede
Senior Associate General Counsel
per Presidential Delegation DA_028016

STATE OF MINNESOTA)
)
COUNTY OF HENNEPIN)

On this 4th day of March, 2019, before me personally appeared Paul B. Saveriede, to me known to be the person described in and who executed the foregoing instrument and acknowledged that s/he executed the same as his/her free act and deed.

IN WITNESS WHEREOF, I have hereunto affixed my official signature with the seal of my office, the day and year above written.


Notary Public



Attorney Docket Number 1008-183US01
UM Case No. 20160423



UNIVERSITY OF MINNESOTA
ASSIGNMENT

WHEREAS, I, Mahdi Jamali, have invented certain new and useful improvements in TWO-TERMINAL SPINTRONIC DEVICES, for which applications for Letters Patents of the United States have been made, said applications being filed as follows: Provisional application no. 62/434,166 on December 14, 2016 and Utility application no. 15/839,081 on December 12, 2017 (the "Application(s)");

Whereas, REGENTS OF THE UNIVERSITY OF MINNESOTA ("Assignee"), having offices at 600 McNamara Alumni Center, 200 Oak Street SE, Minneapolis, Minnesota 55455-2020, is desirous of documenting the acquisition of the entire right, title and interest in and to said invention, said Application(s) and in, to and under any and all Letters Patent to be obtained therefor;

NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, and to the extent that I have not done so already via a prior agreement with the Assignee, or if I have already done so via a prior agreement with the Assignee then in confirmation of said prior agreement, I have sold, assigned, transferred and set over and by these presents do sell, assign, transfer and set over unto Assignee, its successors and assigns, the entire right, title and interest in and to the inventions set forth hereinabove and the entire right, title and interest in and to any and all Letters Patent of the United States and any foreign countries which may be granted therefor on the Application(s) including my rights under the Paris Convention for the Protection of Industrial Property, and in and to any and all extensions, divisions, continuations, continuations-in-part or reissues of said Application(s) and Letters Patent that may be granted, including all rights to claim priority therefrom, and specifically including the right to enforce such Letters Patent in the name of Assignee and to recover damages for past infringement of the rights conveyed herein, the same to be held and enjoyed by Assignee for its own use and benefit and use and benefit of its successors and assigns to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by me had this assignment and sale not been made.

I hereby authorize said Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent, in its own name if desired, in any and all foreign countries, and additionally to claim the filing date of any the Application(s) and/or otherwise take advantage of the provisions of the Paris Convention.

Attorney Docket Number 1008-183US01
UM Case No. 20160423

Upon said consideration I do hereby covenant and agree with said Assignee, its successors and assigns, that I will not execute in writing or do any act whatsoever conflicting with these presents, and that I or my executors or administrators will at any time upon request, without further or additional consideration, but at the expense of said Assignee, its successors and assigns, execute such additional writings and do such additional acts as said Assignee, its successors and assigns, may deem necessary or desirable to perfect the Assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, reissues or extended Letters Patent of the United States, or of any and all foreign countries on said invention, and in enforcing any rights occurring as a result of such application or patents, by giving testimony in any proceedings or transactions involving such applications or patents.

I hereby request the Honorable Commissioner of Patents and Trademarks to issue the Letters Patent to Assignee in accordance with this instrument.

IN WITNESS WHEREOF, I have hereunto set my hand on this 9 day of Jan, 2019.


Mahdi Jamali

STATE OF _____)

COUNTY OF _____)

On this _____ day of _____, 2019, before me personally appeared Mahdi Jamali, to me known to be the person described in and who executed the foregoing instrument and acknowledged that s/he executed the same as his/her free act and deed.

IN WITNESS WHEREOF, I have hereunto affixed my official signature with the seal of my office, the day and year above written.

Notary see Attached.

Notary Public

Attorney Docket Number 1008-183US01
UM Case No. 20160423

CALIFORNIA NOTARY CERTIFICATE OF ACKNOWLEDGMENT/JURAT ADDENDUM (FOR USE IN CA ONLY)

For use for CA Notary Acknowledgment only:

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California
County of Santa Clara

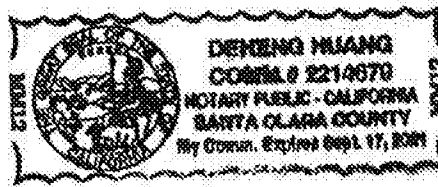
On 1/9/2009 before me Deheng Huang, Notary Public. (here insert name and title of officer), personally appeared Mahdi Jamali who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the attached Assignment [name of document] instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s) or the entity upon behalf of which the person(s) acted executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal

 (Signature)

(SEAL)



For use for CA Notary Jurat only:

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California
County of _____

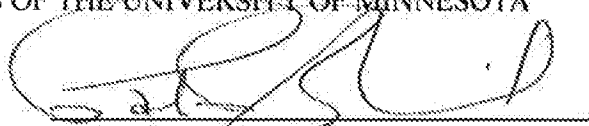
Subscribed and sworn to (or affirmed) before me on this _____ day of _____, 20____, by _____ proved to me on the basis of satisfactory evidence to be the person(s) who appeared before me.

Signature _____

(SEAL)

IN WITNESS WHEREOF, I have hereunto set my hand on this 10th day of January, 2019, on behalf of Assignee Regents of the University of Minnesota accepting this assignment.

REGENTS OF THE UNIVERSITY OF MINNESOTA



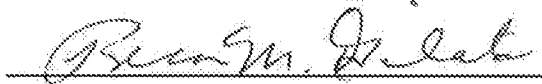
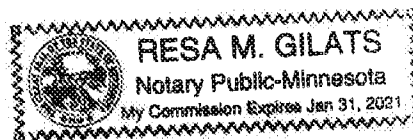
Paul B. Saveride
Senior Associate General Counsel
per Presidential Delegation DA_028016

STATE OF MINNESOTA)

COUNTY OF HENNEPIN)

On this 10th day of January, 2019, before me personally appeared Paul B. Saveride, to me known to be the person described in and who executed the foregoing instrument and acknowledged that s/he executed the same as his/her free act and deed.

IN WITNESS WHEREOF, I have hereunto affixed my official signature with the seal of my office, the day and year above written.


Notary Public

Attorney Docket Number 1008-183US01
UM Case No. 20160423