

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3804351

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
YIRAN CHEN	03/21/2016
ENES EKEN	03/23/2016
HAI LI	03/21/2016
WUJIE WEN	03/10/2016
XIUYUAN BI	03/24/2016
RECEIVING PARTY DATA	
Name:	UNIVERSITY OF PITTSBURGH-OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION
Street Address:	O'HARA AND THACKERAY STREETS
Internal Address:	200 GARDNER STEEL CONFERENCE CENTER
City:	PITTSBURGH
State/Country:	PENNSYLVANIA
Postal Code:	15260
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14917410
CORRESPONDENCE DATA	
Fax Number:	(412)566-6099
<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:	(412)566-6000
Email:	ipmail@eckertseamans.com
Correspondent Name:	ECKERT SEAMANS CHERIN & MELLOTT, LLC
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ATTORNEY DOCKET NUMBER:	214001-01490-1-2-US
NAME OF SUBMITTER:	PHILIP E. LEVY
SIGNATURE:	/Philip E. Levy/
DATE SIGNED:	03/29/2016

Total Attachments: 6

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ASSIGNMENT

In consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, we, YIRAN CHEN, residing at 100 Crofton Drive, Pittsburgh, Pennsylvania 15238, a citizen of the People's Republic of China; ENES EKEN, residing at 805 Hazelwood Avenue, 1st Apt., Pittsburgh, Pennsylvania 15217, a citizen of the Turkey; HAI LI, residing at 100 Crofton Drive, Pittsburgh, Pennsylvania 15238, a citizen of the People's Republic of China; WUJIE WEN, residing at 213 Chesterfield Road, Pittsburgh, Pennsylvania 15213, a citizen of the People's Republic of China; and XIUYUAN BI, residing at 3400 Juliet Street, Pittsburgh, Pennsylvania 15213, a citizen of the People's Republic of China;

Hereby sell, assign and transfer to the UNIVERSITY OF PITTSBURGH-OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, a non-profit Pennsylvania corporation, having a place of business at 200 Gardner Steel Conference Center, O'Hara and Thackeray Streets, Pittsburgh, Pennsylvania 15260, in the County of Allegheny and Commonwealth of Pennsylvania, its successors, assigns and legal representatives, our entire right, title and interest, for all countries, in and to any and all improvements which are disclosed and claimed, and any and all improvements which are disclosed but not claimed, in United States National Stage Patent Application No. 14/917,410, filed on March 8, 2016 for "MAGNETIC-ASSISTED NONDESTRUCTIVE SELF-REFERENCE SENSING METHOD FOR SPIN-TRANSFER TORQUE RANDOM ACCESS MEMORY," (Based on PCT International Application No. PCT/US2014/055828, filed on September 16, 2014) and in and to said applications and all divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed on any of said improvements disclosed in said applications; and in and to all original and reissued patents which have been or shall be issued on said improvements;

Authorize and request the Commissioner of Patents and Trademarks to issue to said Assignee, the UNIVERSITY OF PITTSBURGH-OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION, its successors, assigns and legal representatives, in accordance with this Assignment, any and all United States Letters Patent on said improvements, or any of them, disclosed in said applications;

Agree that, when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of

this Assignment we will, for all countries, execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths and other papers; communicate to said Assignee, its successors, assigns and representatives, all facts known to us relating to said improvements and the history thereof; testify in all legal proceedings; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said improvements, and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives;

Covenant with said Assignee, its successors, assigns and legal representatives that we have made to others no assignment, grant, mortgage, license or other agreement affecting the rights and property conveyed, and that we have full right to convey the same as herein expressed.

Executed at the place and date opposite my signature below.

[Signature]
YIRAN CHEN

At Pittsburgh, PA on this 21st day of MARCH, 2016.
(City and State)

STATE OF PENNSYLVANIA)
) ss.
COUNTY OF ALLEGHENY)

This 21st day of MARCH, 2016, before me personally came the above-named YIRAN CHEN, who executed the foregoing instrument in my presence, and who acknowledged to me that this instrument was executed by his own free will for the purpose set forth therein.

Martina C. Felton
Notary Public For PENNSYLVANIA
My commission expires: 10/1/2019

[SEAL]

COMMONWEALTH OF PENNSYLVANIA
NOTARIAL SEAL
Martina C. Felton, Notary Public
City of Pittsburgh, Allegheny County
My Commission Expires Oct. 1, 2019
MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES

Executed at the place and date opposite my signature below.

enes
ENES EKEN

At PITTSBURGH, PA on this 23RD day of MARCH, 2016.
(City and State)

STATE OF PENNSYLVANIA)
COUNTY OF ALLEGHANY) ss.

This 23RD day of MARCH, 2016, before me personally came the above-named ENES EKEN, who executed the foregoing instrument in my presence, and who acknowledged to me that this instrument was executed by his own free will for the purpose set forth therein.

Martania C. Felton
Notary Public For PENNSYLVANIA
My commission expires: 10/1/2019

[SEAL]

COMMONWEALTH OF PENNSYLVANIA
NOTARIAL SEAL
Martania C. Felton, Notary Public
City of Pittsburgh, Allegheny County
My Commission Expires Oct. 1, 2019
MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES

Executed at the place and date opposite my signature below.

HAL LI

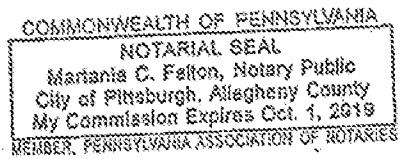
At PITTSBURGH, PA on this 21ST day of MARCH, 2016.
(City and State)

STATE OF PENNSYLVANIA)
COUNTY OF ALLEGHENY) ss,

This 21ST day of MARCH, 2016, before me personally came the
above-named HAL LI, who executed the foregoing instrument in my
presence, and who acknowledged to me that this instrument was executed by his own free will
for the purpose set forth therein.

Martania C. Felton
Notary Public For PENNSYLVANIA
My commission expires: 10/1/2019

[SEAL]



Executed at the place and date opposite my signature below.

Wujie Wen
WUJIE WEN

At Miami FL on this 10 day of May, 2016.
(City and State)

STATE OF Florida)
)ss.
COUNTY OF Miami Dade)

This 10 day of March, 2016, before me personally came the above-named Wujie Wen, who executed the foregoing instrument in my presence, and who acknowledged to me that this instrument was executed by his own free will for the purpose set forth therein.

[Signature]
Notary Public

My commission expires 01/01/2017

[SEAL]

Executed at the place and date opposite my signature below.

Xiuyuan Bi
 XIUYUAN BI

At Sunnyvale, CA on this 24 day of March, 2016.
 (City and State)

STATE OF California
 COUNTY OF Santa Clara)ss.

This 24 day of March, 2016, before me personally came the
 above-named Xiuyuan Bi, who executed the foregoing instrument in my
 presence, and who acknowledged to me that this instrument was executed by his own free will
 for the purpose set forth therein.

K. Kaur
 Notary Public For California
 My commission expires: Nov 8, 2019

[SEAL]

