503959689 08/15/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4006344

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HECTOR CHAVEZ	03/03/2015
WUWEI SHEN	02/26/2015
BOARD OF TRUSTEES OF WESTERN MICHIGAN UNIVERSITY	06/17/2015

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15118755

CORRESPONDENCE DATA

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NAME OF SUBMITTER: DEVORAH LERNER

PATENT REEL: 039431 FRAME: 0250 503959689

SIGNATURE:	/devorahlerner/	
DATE SIGNED:	08/15/2016	
Total Attachments: 5		
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PATENT REEL: 039431 FRAME: 0251

DECLARATION AND ASSIGNMENT

The undersigned acknowledges that this document is being used both as an assignment of the invention and as the declaration (37 CFR 1.63) for a Utility or Design Application entitled:

APPARATUS AND METHOD FOR TESTING COMPUTER PROGRAM IMPLEMENTATION AGAINST A DESIGN MODEL

As a below named inventor, I hereby declare that:

This declaration is directed to (check one):

	•	
\boxtimes	The attached application, or	

United States application or PCT international application number PCT/US2015/017305
filled on February 24, 2015

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the above-identified application.

I hereby acknowledge that any willful false statement made in this Declaration and Assignment is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

I hereby state that I have reviewed and understand the contents of the above identified application, including the claims.

I acknowledge that I am aware of the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56.

For good and valuable consideration, the receipt and adequacy whereof I hereby acknowledge, I hereby confirm any prior assignment to Board of Trustees of Western Michigan University (hereinafter "Assignee"), and to the extent that I have not already done so, agree to assign, and hereby do, sell, assign and transfer unto Assignee and its successors in Interest, the full and exclusive right, title and interest in the United States of America and throughout the world, including the right to claim priority under the laws of the United States, the Paris Convention, and any foreign countries, to the inventions as described in the above-identified application, to the above-identified application itself, and all divisions, continuations, continuations-in-part, or

U.S. Serial Number 15/118,755 Filed 12 August 2016

DECLARATION AND ASSIGNMENT

other applications claiming priority directly or indirectly from the above-identified application, and any United States or foreign Letters Patent, utility model, or other similar rights which may be granted thereon, including relssues, reexaminations and extensions thereof, and all copyright rights throughout the world in the aforesaid application and the subject matter disclosed therein, these rights, title and interest to be held and enjoyed by Assignee to the full end of the term for which the Letters Patent, utility model, or other similar rights, are granted and any extensions thereof as fully and entirely as the same would have been held by me had this assignment and sale not been made, and the right to sue for, and recover for past infringements of, or liabilities for, any of the rights relating to any of the applications, patents, utility models, or other similar rights, resulting therefrom, and the copyright rights.

I hereby covenant and agree to execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent, utility model, or other similar rights, and for copyright, in the United States and in all foreign countries including, but not limited to, any provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, any derivation proceedings relating thereto, and as to Letters Patent any supplemental examination, derivation proceeding, opposition, post grant review, reissue, re-examination, inter partes review, or extension thereof, and for litigation regarding, or for the purpose of protecting title and to the said invention, the United States application for patent, or Letters Patent therefor, and to testify in support thereof, for the benefit of Assignee without further or other compensation than that above set forth.

I hereby covenant that I have not made and will not make any assignment, sale, license, agreement or encumbrance which would conflict with this Declaration and Assignment.

I hereby request the United States Patent and Trademark Office to issue the Letters Patent of the United States of America to Assignee, and request that any official of any country or countries foreign to the United States, whose duty it is to issue or grant patents and applications as aforesaid, to issue the Letters Patent, Utility Model Registration or other similar right to Assignee.

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DECLARATION AND ASSIGNMENT

I hereby grant the law firm of Harness, Dickey & Pierce, P.L.C. the power to insert on this Declaration and Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document. $\frac{1}{2} \frac{\Lambda_1}{\Lambda_2} \frac{\Lambda_3}{\Lambda_3} \frac{\Lambda_4}{\Lambda_3}$

Hector CHAVEZ

3/3/15

Dated:

Wuwei SHEN

Dated:

ASSIGNMENT

WHEREAS, BOARD OF TRUSTEES OF WESTERN MICHIGAN UNIVERSITY owns, a patent application identified as Application No. PCT/US15/17305 with the following title:

APPARATUS AND METHOD FOR TESTING COMPUTER PROGRAM IMPLEMENTATION AGAINST A DESIGN MODEL

WHEREAS, BOARD OF TRUSTEES OF WESTERN MICHIGAN UNIVERSITY (hereinafter referred to as Assignor) desires to convey all right, title and interest that it has in and to said Identified Patents and Applications to WESTERN MICHIGAN UNIVERSITY RESEARCH FOUNDATION, and

WHEREAS, WESTERN MICHIGAN UNIVERSITY RESEARCH FOUNDATION (hereinafter referred to as Assignee) desires to acquire Assignor's interest in said Identified Patents and Applications:

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy whereof is hereby acknowledged, Assignor by these presents does sell, assign and transfer unto Assignee and its successors in interest, its full and exclusive right, title and interest in the United States of America and all foreign countries, including the right to claim priority under the laws of the United States, the Paris Convention, and any foreign countries, to the said invention as described in the aforesaid Identified Patents and Applications, and all other applications for which Identified Patents and Applications is a priority document, said Identified Patents and Applications to be held and enjoyed by Assignee to the full end of the term for which said Letters Patent are granted and any extensions thereof as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made, and the right to recover for past infringements of, or liabilities for, any of the rights relating to any of said applications or patents resulting therefrom;

Assignor hereby covenants and agrees to execute all instruments or documents required or requested for the making and prosecution of any applications of any type for patent in the United States and in all foreign countries including, but not limited to, any PCT, provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, and as to letters patent any reissue, re-examination, or extension thereof, and for litigation regarding, or for the purpose of protecting title and to the said invention, the United States application for patent, or Letters Patent therefor, and to testify in support thereof, for the benefit of Assignee without further or other compensation than that above set forth;

Assignor hereby covenants that no assignment, sale or agreement or encumbrance has been or will be entered into which would conflict with this Assignment; and

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ASSIGNMENT

Assignor hereby requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States of America to Assignee, and requests that any official of any country or countries foreign to the United States, whose duty it is to issue or grant patents and applications as aforesaid, to issue said Letters Patent, Utility Model Registration or Inventor's Certificate to Assignee.

BOARD OF TRUSTEES OF WESTERN MICHIGAN UNIVERSITY (Assignor)

By: Paulan Wallyele (Signature of Officer)

Its: <u>Aggistant Treasurer</u> (Title of Officer)

Dated: 6/17/15

Accepted by Assignee:

WESTERN MICHIGAN UNIVERSITY RESEARCH FOUNDATION

By: <u>Aniel M. Litynsky</u>
(Signature of Officer)

Its: Vice President

By: <u>ZZZZWA</u>, *[SQ]* (Signature of Officer)

Its: Director of Operations

Dated: 6/17/15

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RECORDED: 08/15/2016