

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MICHAEL D ABRAMOFF	11/04/2016
LI TANG	11/14/2016
RECEIVING PARTY DATA	
Name:	UINIVERSITY OF IOWA RESEARCH FOUNDATION
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15128035
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ATTORNEY DOCKET NUMBER:	21087.0089U2
NAME OF SUBMITTER:	CHARLEY F BROWN

SIGNATURE:	/CHARLEY F BROWN/
DATE SIGNED:	06/27/2017
Total Attachments: 3 source=21087_0089u2_ABRAMOFF_TANG_ASSIGNMENT#page1.tif source=21087_0089u2_ABRAMOFF_TANG_ASSIGNMENT#page2.tif source=21087_0089u2_ABRAMOFF_TANG_ASSIGNMENT#page3.tif	

**ASSIGNMENT
(U.S. RIGHTS ONLY)**

WHEREAS, We, **MICHAEL D. ABRAMOFF** of 207 Mahaska Court, Iowa City, Iowa 52246; and **LI TANG**, of 24 Bay Ridge Drive., Apt. H, Nashua, New Hampshire 03062, have invented new and useful improvements in **"GRAPH SEARCH USING NON-EUCLIDEAN DEFORMED GRAPH,"** for which a U.S. national phase patent application based on **PCT/US2015/022021**, which claims the benefit of U.S. provisional patent application No. **61/968,713**, filed **March 21, 2014**, was filed on **September 21, 2016**, and assigned Application No. **15/128,035**; and

WHEREAS, **UNIVERSITY OF IOWA RESEARCH FOUNDATION** a corporation of Iowa, whose principal address is 112 N. Capitol Street, 6 Gilmore Hall, Iowa City, Iowa 52242-5500, and

WHEREAS, the United States of America, as represented by the Secretary of the ~~Department of Veterans Affairs~~, having a place of business at ~~810 Vermont Avenue NW~~, Washington, District of Columbia 20420, ("**ASSIGNEES**") are desirous of acquiring the entire interest in the same;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we, **MICHAEL D. ABRAMOFF**, and **LI TANG**, hereby do sell, assign and transfer unto said **ASSIGNEES**, the entire right, title and interest in and to said invention and application in the United States, including, without limitation, any Letters Patent of the United States which may issue thereon and any subsequent U.S. application claiming priority to the above-identified application, reissue, reexamination, division, continuation-in-part, extension

and entirely as the same would have been held by us had this assignment and sale not been made;

AND, We hereby bind ourselves, our heirs, legal representatives, administrators and assigns properly to execute without further consideration any and all applications, petitions, oaths and assignments or other papers and instruments which may be necessary in order to carry into full force and effect, the sale, assignment, transfer and conveyance hereby made or intended to be made and generally do everything possible to aid said ASSIGNEES, their legal representatives and assigns, to obtain and enforce proper protection for said invention in the United States.

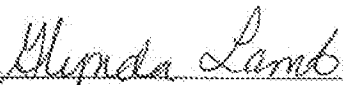
IN WITNESS WHEREOF, we have executed this Assignment this 4th day of November, 2016.


MICHAEL D. ABRAMOFF (L.S.)

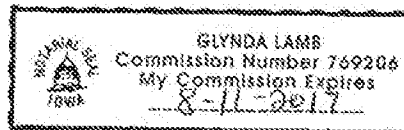
State of Iowa

County of Johnson

On this 4th day of November, 2016 before me, a Notary Public, came MICHAEL D. ABRAMOFF to me known and known to be the individual described in and who executed the foregoing assignment, and he/she duly acknowledged the same to be his/her free act and deed.


Notary Public

My Commission Expires: 8-11-2017



IN WITNESS WHEREOF, we have executed this Assignment this 14th day of
November, 2016.

Tang Li (L.S.)
LITANG

State of New Hampshire
County of Grafton

On this 14th day of November, 2016, before me, a Notary Public,
came LITANG to me known and known to be the individual described in and who executed the
foregoing assignment, and he/she duly acknowledged the same to be his/her free act and deed.

Karen Lewis
Notary Public

My Commission Expires: KAREN LEWIS, Notary Public
My Commission Expires August 22, 2017