503652078 01/15/2016 PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3698712

	SUBMISSION TYPE:		NEW ASSIGNMENT				
NATURE OF CONVEYANCE:		ASSIC	ASSIGNMENT				
CONVEYING PARTY D	ΑΤΑ	·					
		Name				Execution Dat	
SAYAN MITRA				01/14/2016			
CHUCHU FAN						01/14/2016	
ZHENQI HUANG						01/14/2016	
RECEIVING PARTY DA	ТА						
Name:	THE BO	DARD OF TI	RUSTEES OF THE		RSITY OF	ILLINOIS	
Street Address:	352 HE		NISTRATION BUIL	DING			
Internal Address:	506 SC	UTH WRIG	HT STREET				
City:	URBAN	IA					
State/Country:	ILLINO	IS					
Postal Code:	61801						
	Total: 1						
PROPERTY NUMBERS Total: 1 Property Type			Number]		
Application Number:		14979061			1		
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ASSIGNMENT

WHEREAS, Sayan Mitra, Chuchu Fan and Zhenqi Huang, hereinafter called the "Assignors," have made the invention described in the United States patent application entitled BOUNDED VERIFICATION THROUGH DISCREPANCY COMPUTATIONS, which was filed as U.S. Application No. <u>14/979,061</u>, on <u>December 22, 2015</u>, which claims priority to United States Provisional Application No. <u>62/096,262</u>, entitled VERIFICATION THROUGH LOCAL DISCREPANCY FUNCTIONS, filed <u>December 23, 2014</u>, and United States Provisional Application No. <u>62/096,135</u>, entitled VERIFICATION THROUGH MODULAR ANNOTATIONS, filed <u>December 23, 2014</u>;

WHEREAS, The Board of Trustees of the University of Illinois, a body corporate and politic having a place of business at 352 Henry Administration Building, 506 South Wright Street, Urbana, Illinois 61801, hereinafter called the "Assignee," desires to acquire the entire right, title and interest in and to the invention and the patent application identified above, and all patents which may be obtained for said invention, as set forth below;

NOW, THEREFORE, in consideration of valuable and legally sufficient consideration, the receipt of which by the Assignors from the Assignee is hereby acknowledged, the Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer to the Assignee, the entire right, title and interest for the United States in and to the invention and the patent application identified above, and any patents that may issue for said invention in the United States; together with the entire right, title and interest in and to said invention and all patent applications and patents therefor in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; together with the entire right, title and interest in and to all continuations, divisions, renewals and extensions of any of the patent applications and patents defined above; together with the right to recover all damages, including, but not limited to, a reasonable royalty, by reason of past, present, or future infringement or any other violation of patent or patent application rights; to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns, to the full end of the term or terms for all such patents.

Assignment - Page 1 of 4

PATENT REEL: 037503 FRAME: 0101 The Assignors hereby covenant and agree, for both the Assignors and the Assignors' legal representatives, that the Assignors will assist the Assignee in the prosecution of the patent application identified above; in the making and prosecution of any other patent applications that the Assignee may elect to make covering the invention identified above; in vesting in the Assignee like exclusive title in and to all such other patent applications and patents; and in the prosecution of any interference which may arise involving said invention, or any such patent application or patent; and that the Assigner will execute and deliver to the Assignee any and all additional papers which may be requested by the Assignee to carry out the terms of this Assignment.

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the Assignors have executed this agreement.

Dated: 1/14/2016

Sayan Mitra

STATE OF Flinois COUNTY OF Champaign) ss.

I, <u>TracyA</u> <u>Hank</u>, a Notary Public in and for the County and State aforesaid, do hereby certify that <u>Sayan Mitra</u>, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he signed, sealed and delivered the said instrument as his free and voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this 1444 day of January, 2015, All

Notary Public

My Commission Expires:

July 29, 2018



Assignment - Page 2 of 4

PATENT REEL: 037503 FRAME: 0102

Attorney Docket No. 30831.31 (L0031) UIUC No. TF14195-02US)

Dated: 01/14/2016	Churcherta						
	Chuchu Fan						
STATE OF Alinois)						
COUNTY OF Champaign) SS.						

)

I, <u>Trach A. Hunter</u> a Notary Public in and for the County and State aforesaid, do hereby certify that <u>Chuchu Fan</u>, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he signed, sealed and delivered the said instrument as his free and voluntary act for the uses and purposes therein set forth.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this 14th day of January, 2015.

Notary Public

My Commission Expires: July 29, 2018

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ł	OFFICIAL SEAL	ł
4	TRACY A HUNTER	P
ł	Notary Public - State of Illinois	þ
ł	My Commission Expires Jul 29, 2018	ļ

Assignment - Page 3 of 4

PATENT REEL: 037503 FRAME: 0103

<u>Attorney Docket No. 30831.31 (L0031)</u> <u>UIUC No. TF14195-02US)</u>

Dated: 1/14/2016

heri Unano

Zhenqi Huang

STATE OF Ilinois

COUNTY OF Champain

I, <u>Trauga</u>. <u>Hunder</u> a Notary Public in and for the County and State aforesaid, do hereby certify that <u>Zhengi Huang</u>, personally known to me to be the same person whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that he signed, sealed and delivered the said instrument as his free and voluntary act for the uses and purposes therein set forth.

SS.

IN WITNESS WHEREOF, I have hereunto set my hand and Notarial Seal, this 14th day of <u>January</u>, 2015. TAN

My Commission Expires:

July 29,2018

OFFICIAL SEAL TRACY A HUNTER Notary Public - State of Illinois My Commission Expires Jul 29, 2018

Notary Public

PATENT REEL: 037503 FRAME: 0104

RECORDED: 01/15/2016