504449487 07/10/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4496188

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JOHN A ROGERS	01/22/2013
SUK-WON HWANG	01/18/2013
DAE-HYEONG KIM	01/18/2013

RECEIVING PARTY DATA

Name:	THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS
Street Address:	352 HENRY ADMIN BLDG
Internal Address:	506 S. WRIGHT STREET
City:	URBANA
State/Country:	ILLINOIS
Postal Code:	61801

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15632004

CORRESPONDENCE DATA

Fax Number: (720)931-3001

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.

Phone: 720-931-3000

Email: boulderip@lathropgage.com, twilson@lathropgage.com

LATHROP & GAGE LLP Correspondent Name: 4845 PEARL EAST CIRCLE Address Line 1:

Address Line 2: SUITE 201

Address Line 4: **BOULDER, COLORADO 80301**

ATTORNEY DOCKET NUMBER:	592574: 150-11A US
NAME OF SUBMITTER:	NEAL VICKERY
SIGNATURE:	/nealvickeryREG73035/
DATE SIGNED:	07/10/2017

Total Attachments: 5

source=150-11 exec Assignment-UIL 995#page1.tif source=150-11_exec_Assignment-UIL_995#page2.tif

PATENT REEL: 042954 FRAME: 0499 504449487

source=150-11_exec_Assignment-UIL_995#page3.tif source=150-11_exec_Assignment-UIL_995#page4.tif source=150-11_exec_Assignment-UIL_995#page5.tif

> PATENT REEL: 042954 FRAME: 0500

ASSIGNMENT

WHEREAS, I:

- John A. ROGERS, residing at 2803 Valleybrook, Champaign, Illinois, 61822, United States of America;
- 2. Suk-Won HWANG, residing at 1325 N. Lincoln Ave. Apt. 3005, Urbana, Illinois, 61801, United States of America;
- 3. Dae-Hyeong KIM, residing at 1918 E. Arbor Ln #101, Urbana, Illinois, 61802, United States of America;

herein called individually an "ASSIGNOR" and collectively "ASSIGNORS," in connection with the invention entitled:

"TRANSIENT DEVICES DESIGNED TO UNDERGO PROGRAMMABLE TRANSFORMATIONS":

for which the following patent application(s):

Application Type	Application Serial No.	Filing Dats
United States Patent Application	13/624,096	September 21, 2012
PCT International Patent Application	PCT/US12/56538	September 21, 2012

were submitted or filed (collectively, the "LISTED APPLICATIONS");

AND WHEREAS, THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS (herein called "ASSIGNEE"), an entity organized and existing under the laws of the State of Illinois, having a principal place of business at:

352 Henry Administration Building 506 S. Wright Street Urbana, Illinois, 61801 United States of America,

is desirous of obtaining my entire right, title and interest in, to and under the said invention and the said LISTED APPLICATIONS;

NOW, THEREFORE, in consideration of my contractual and other legal obligations, and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, a said ASSIGNOR, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, my entire right, title and interest in, to and

Page 1 of 4

GS Ref. 150-11 Assignment

under the invention(s) and discoveries disclosed in the LISTED APPLICATIONS, and the LISTED APPLICATIONS and all divisions, renewals, continuations and subsequent applications thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention(s) in any country or countries foreign to the United States; together with the right to file such applications and the right to claim for the same the priority of said patent applications listed herein and applications thereof and therefrom under The International Union for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application and applications thereof and therefrom is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention(s) in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND I HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any official of any country or countries foreign to the United States whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument:

AND I HEREBY covenant and agree that I have full right to convey the entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith;

AND I HEREBY authorize the above-mentioned ASSIGNEE or its legal representative to insert in this instrument the filing date and serial number of said application(s) or any other information that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

AND I HEREBY further covenant and agree that I will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to me respecting said invention(s) and discoveries, and testify in any legal proceeding, sign all lawful papers, execute all continuing and subsequent applications, including divisional, reissue and foreign applications, make all rightful oaths, and generally cooperate and do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain, maintain, and enforce proper protection for said invention(s) and discoveries in any and all countries;

IN TESTIMONY WHEREOF, I hereunto set my hand and seal (if applicable) the day and year set opposite my signature.

GS Ref. 150-11 Assignment
In . 22, 2013 Jak John a. Rogin
Date JOHN A. ROGERS
STATE OF <u>serious</u>) ss.
COUNTY OF Champaign)
BEFORE ME, the undersigned authority, on this 23 day of (month), 2013 (year), personally appeared the above person, known to me to be the person whose name is subscribed to this instrument and who acknowledged to me that s/he executed the same of his/her own free will for the purposes and consideration herein expressed. Date:
Date: My Commission expires: 4/23/13 Notary Public
"OFFICIAL SEAL" Susan K Logan Notary Public, State of Illinois My Commission Expires 4/23/2013
Date SUK-WON HWANG
STATE OF)
COUNTY OF
BEFORE ME, the undersigned authority, on this day of (month), (year), personally appeared the above person, known to me to be the person whose name is subscribed to this instrument and who acknowledged to me that s/he executed the same of his/her own free will for the purposes and consideration herein expressed.
Date:Notary Public
My Commission expires:
Additional Assignors on additional sheets: Yes

Page 3 of 4

Date	JOHN A. ROGERS
STATE OF)	
) ss. COUNTY OF)	
(year), personally appeared whose name is subscribed to this instru	on this day of (month), the above person, known to me to be the person ament and who acknowledged to me that s/he will for the purposes and consideration herein
Date:	Notary Public
My Commission expires:	
Jan. 18th, 2013 Date	SUK-WON HWANG
STATE OF <u>Illinois</u>) ss. county of <u>Chanfaign</u>)	
BEFORE ME, the undersigned authority <u>3013</u> (year), personally appeared whose name is subscribed to this instru	non this 18 day of January (month), I the above person, known to me to be the person ument and who acknowledged to me that s/he will for the purposes and consideration herein Notary Public OFFICIAL SEAL TRACY A. HUNTER NOTARY PUBLIC, STATE OF ILLINOIS MY COMMISSION EXPIRES 8-9-2014

Additional Assignors on additional sheets: Yes

GS Ref. 150-11 Assignment	
January 18, 2013 Date	DAE-HYEONG KIM
STATE OF)
STATE OF) ss.)
	authority, on this day of (month) appeared the above person, known to me to be the person this instrument and who acknowledged to me that s/he own free will for the purposes and consideration herein
Date: January 18, 2013 My Commission expires:	Notary Public

Additional Assignors on additional sheets: No

Page 4 of 4