

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2880625

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
BENJAMIN JUDKEWITZ	05/09/2014
YING MIN WANG	10/28/2013
ROARKE HORSTMAYER	10/24/2013
CHANGHUEI YANG	10/24/2013
RECEIVING PARTY DATA	
Name:	CALIFORNIA INSTITUTE OF TECHNOLOGY
Street Address:	1200 E. CALIFORNIA BLVD.
City:	PASADENA
State/Country:	CALIFORNIA
Postal Code:	91125
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14070045
CORRESPONDENCE DATA	
Fax Number:	(310)641-8798
<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:	(310) 641-8797
Email:	rfieland@gates-cooper.com
Correspondent Name:	GATES & COOPER LLP
Address Line 1:	6701 CENTER DRIVE WEST
Address Line 2:	SUITE 1050
Address Line 4:	LOS ANGELES, CALIFORNIA 90045
ATTORNEY DOCKET NUMBER:	176.90-US-U1
NAME OF SUBMITTER:	GERARD B. SERAPIGLIA
SIGNATURE:	/Gerard B. Serapiglia/
DATE SIGNED:	06/02/2014
This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 4	
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ASSIGNMENT/DECLARATION

WHEREAS, Benjamin Judkewitz, Ying Min Wang, Roarke Horstmeyer, and Changhuei Yang (hereinafter "Assignor(s)"), made certain new and useful inventions and improvements which are entitled TIME-REVERSAL OF VARIANCE-ENCODED LIGHT and which are disclosed in the following application(s):

☒ U.S. Application Serial No. 14/070,045, filed on November 1, 2013

AND WHEREAS, California Institute of Technology, a corporation organized and existing under and by virtue of the laws of the State of California, and having an office and place of business at 1200 E. California Blvd., Pasadena, California 91125 (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application(s) and in and to the Letters Patent to be obtained therefor;

NOW THEREFORE, to all whom it may concern, be it known that for and in consideration of the sum of One Dollar and other good and valuable considerations, the receipt and sufficiency whereof is hereby acknowledged, Assignor(s) have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application(s), and in and to the application(s), all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all application(s) which have been or shall be filed in any foreign countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and do hereby authorize and request the Commissioner for Patents to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns;

AND, for the consideration aforesaid, Assignor(s) do hereby agree that they and their executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to Assignor(s) relating to said improvements and the history thereof and will testify in all legal

proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the improvements, inventions, application(s), Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be;

AND, an attorney of record is authorized and requested by the execution of this assignment to insert into this assignment the filing date and serial number of said application(s) when officially known;

AND, furthermore Assignor(s) covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by Assignor(s) and that full right to convey the same as herein expressed is possessed by Assignor(s).

The above-identified application(s) was/were 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 application(s).

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

Date: 5/9/2014

Signature: B. Judkewitz
Name: Benjamin Judkewitz

Date: _____

Signature: _____
Name: Ying Min Wang

Date: _____

Signature: _____
Name: Roarke Horstmeyer

Date: _____

Signature: _____
Name: Changhuei Yang

proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the improvements, inventions, application(s), Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be;

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AND, furthermore Assignor(s) covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by Assignor(s) and that full right to convey the same as herein expressed is possessed by Assignor(s).

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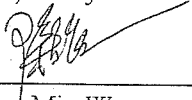
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

Date: _____

Signature: _____

Name: Benjamin Judkewitz

Date: 28 Oct 2013

Signature: 

Name: Ying Min Wang

Date: _____

Signature: _____

Name: Roarke Horstmeyer

Date: _____

Signature: _____

Name: Changhuei Yang

proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the improvements, inventions, application(s), Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be;

AND, an attorney of record is authorized and requested by the execution of this assignment to insert into this assignment the filing date and serial number of said application(s) when officially known;

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Date: _____

Signature: _____

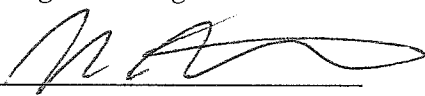
Name: Benjamin Judkewitz

Date: _____

Signature: _____

Name: Ying Min Wang

Date: 10/24/13

Signature: 

Name: Roarke Horstmeyer

Date: 24 Oct 13

Signature: 

Name: Changhui Yang