503548097 10/30/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3594724

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KYOTO UNIVERSITY	10/07/2015

RECEIVING PARTY DATA

Name:	JAPAN SCIENCE AND TECHNOLOGY AGENCY	
Street Address:	4-1-8, HON-CHO	
City:	KAWAGUCHI-SHI, SAITAMA	
State/Country:	JAPAN	
Postal Code:	332-0012	

PROPERTY NUMBERS Total: 9

Property Type	Number
Patent Number:	7853111
Patent Number:	7738749
Patent Number:	7711228
Patent Number:	7912335
Patent Number:	7783139
Patent Number:	8358895
Patent Number:	7715668
Patent Number:	8126306
Patent Number:	9048623

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 166691

NAME OF SUBMITTER: IN PARK

503548097 REEL: 036924 FRAME: 0728

SIGNATURE:	/IN PARK/
DATE SIGNED:	10/30/2015
Total Attachments: 3 source=Assign#page1.tif source=Assign#page2.tif source=Assign#page3.tif	

PATENT REEL: 036924 FRAME: 0729

ASSIGNMENT

WHEREAS, KYOTO UNIVERSITY, a company established under the laws of JAPAN whose address is 36-1, Yoshida-Honmachi, Sakyo-ku, Kyoto-shi, Kyoto 606-8501, Japan (hereinafter called "Assignor"), is the owner/co-owner of the following Letters Patents (hereinafter called "Patent Properties"), which ownership, to the extent recorded in the United States Patent and Trademark Office, is evidenced at the Reel and Frames indicated below:

Application or Patent Number and Date of Filing or Issue	Named Inventors	Reel and Frame
7,853,111 issued December 14, 2010	Susumu NODA et al.	018272/0129
7,738,749 issued June 15, 2010	Susumu NODA et al.	018094/0066
7,711,228 issued May 4, 2010	Susumu NODA et al.	019325/0508
7,912,335 issued March 22, 2011	Susumu NODA et al.	019667/0875
7,783,139 issued August 24, 2010	Susumu NODA et al.	019886/0047
8,358,895 issued January 22, 2013	Susumu NODA et al.	021697/0258
7,715,668 issued May 11, 2010	Susumu NODA et al.	022303/0027
8,126,306 issued February 28, 2012	Susumu NODA et al.	023619/0643
9,048,623 issued June 2, 2015	Susumu NODA et al.	028864/0711

The undersigned has reviewed all the documents in the chain of title identified above; and to the best of the undersigned's knowledge and belief, title is in the Assignor. The undersigned is empowered to sign this Assignment on behalf of the Assignor.

WHEREAS, JAPAN SCIENCE AND TECHNOLOGY AGENCY, a company established under the laws of JAPAN whose address is 4-1-8, Hon-cho Kawaguchi-shi, Saitama 332-0012 Japan (hereinafter called "Assignee"), is desirous of acquiring the entire right, title and interest for the entire world, including the United States, its territories, dependencies and possessions, in and to said Patent Properties (and/or patents that may be granted therefrom), including any and all provisional, non-provisional, divisional, continuation, ancestral (e.g., parent), international, foreign, design, confirmation, substitute and reissue application(s) or extensions of the same, as well as any and all applications claiming priority from such applications and any and all applications from which they claim priority.

Now, To All Whom It May Concern: Be it known that for and in consideration of the sum of One Dollar (\$1.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor has sold, assigned, transferred and set over, and does hereby sell, assign, transfer and set over, unto Assignee, its successors, assigns and legal representatives, the entire right, title and interest for the entire world, including the United States, its territories, dependencies and possessions, in and to said Patent Properties (and/or patents that may be granted therefrom), and any and all provisional, non-provisional, divisional, continuation, ancestral (e.g., parent), international, foreign, design, confirmation, substitute and reissue application(s) or extensions thereof, as well as any and all applications claiming priority from such applications and any and all applications from which they claim priority; the same to be held and enjoyed by Assignce, its successors, assigns and legal representatives, as fully and entirely as the same would have been held and enjoyed by Assignor had this assignment and sale not been made, together with all claims for damages by reason of past infringement of said Patent Properties with the right to sue for and collect the same for its own use and for the use of its successors, assigns and legal representatives.

Assignor agrees that this assignment is binding on Assignor and its successors, assigns and legal representatives.

Assignor authorizes and requests the Commissioner of Patents and Trademarks of the United States to issue any Letters Patent of the United States (and the appropriate officer of any relevant foreign country to issue any Patent of such country), resulting from said Patent Properties and any confirmations, divisions, continuations, counterparts, reexaminations, reissues or extensions thereof, to Assignce.

Assignor agrees to execute all papers necessary in connection with any interference or post-grant proceeding which may be declared concerning said Patent Properties (and/or patents that may be granted therefrom), or any confirmation, division, continuation, reexamination or reissue thereof, and to cooperate with Assignee in every way possible in obtaining evidence and going forward with such interference or post-grant proceeding.

Assignor covenants that it has full right to convey the interest herein assigned and that it has not executed and will not execute any agreement in conflict herewith.

Assignor agrees to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

Assignor agrees to perform all affirmative acts which may be necessary to obtain, maintain or confirm by reissue or reexamination a grant of a valid United States patent to Assignee.

Assignor grants the firm of OLIFF PLC of Alexandria, Virginia the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office (or other foreign patent office) for recordation of this document.

This Assignment is effective as of the do	ay of <u>6c4</u> , 2015 <u>,</u>
	Da Parama
Witness	Signature
44	Officer of Assignor
	Shinji Asonuma
Witness	Typewritten Name of Officer
	Director, Office of Society-Academia Collaboration for Innovation
	Title of Officer