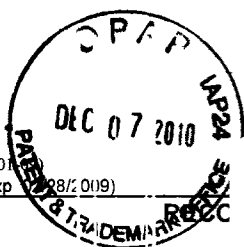


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12-13-2010

U.S. DEPARTMENT OF COMMERCE
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To the Director of the U.S. Patent and Trade.

the new address(es) below

1. Name of conveying party(ies):

Shinichi MOROHASHI

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) October 7, 2010

- ☒ Assignment ☐ Merger ☐ Change of Name
☐ Security Agreement ☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

2. Name and address of receiving party(ies)

Name Yamaguchi University

Internal Address _____

Street Address _____

1677-1, Yoshida, Yamaguchi-shiCity Yamaguchi

State _____

Country JAPAN Zip 7538511Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application or patent number(s):

A Patent Application No (s)

12/992,848☐ This document is being filed together with a new application

B Patent No (s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address to whom correspondence concerning document should be mailed:

Name Robert H. Berdo, Jr
RABIN & BERDO, PCInternal Address Atty Dkt EIH-033NPStreet Address 1101 14th St., NW
Suite 500City WashingtonState DC Zip 20005Phone Number (202) 371-8976Fax Number (202) 408-0924Email Address firm@rabinberdo.com

6. Total number of applications and patents involved:

17. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☐ Authorized to be charged to deposit account
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9. Signature:

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December 7, 2010

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FEE ENCLOSED: \$ 40.00
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ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT

WHEREAS Shinichi MOROHASHI, hereinafter referred to collectively as the assignor, has invented a certain improvement relating to SPUTTERING SYSTEM FOR DEPOSITING THIN FILM AND METHOD FOR DEPOSITING THIN FILM,

[] the inventor(s) declaration for said application being executed concurrently with the execution of this instrument, said application to be filed in the United States Patent and Trademark Office,

[] said application having been filed in the United States Patent and Trademark Office on November 15, 2010, authorization being hereby given to my attorneys, Steven M Rabin, Robert H Berdo, Jr and Allen Wood of RABIN & BERDO, P C , 1101 14th Street, N W , Washington, D C 20005, to insert here in parentheses (Application Serial No 12/992,848) the application serial number of said application when known,

[X] the specification of which was filed under the Patent Cooperation Treaty on May 14, 2009, Serial No PCT/JP2009/58976, the United States of America being designated

AND WHEREAS YAMAGUCHI UNIVERSITY of Yamaguchi, Japan, hereinafter referred to as the assignee, is desirous of acquiring the entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof,

NOW THIS WITNESSETH, that for and in consideration of One Dollar (\$1 00), and other good and valuable consideration paid by said assignee to said assignor, the receipt of which is hereby acknowledged, said assignor hereby assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the full and exclusive right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, said assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said application, including any and all divisions and continuations thereof, and the said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such patents when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as the said assignor might or could have held and enjoyed the same, if this assignment had not been made

AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and all renewals, reissues and prolongations thereof

AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith

WITNESS:

Signature



Name

Shohei Fujimoto

Address

c/o YAMAGUCHI UNIVERSITY
1677-1, Yoshida, Yamaguchi-shi,
Yamaguchi 7538511 Japan

ASSIGNOR:

Signature



Name

Shinichi MOROHASHI

Date

October 7, 2010

Date: _____

Document Code: IMIS

**Office of Patent Application Process
Office of Initial Processing Division**

Original Application Number:

12/992848

Name of Contact:

Steven M Rabin

Phone Number:

202-371-8976

Per telephone conversation with the applicant on

12/9/10

The following instructions have been given:

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