10-13-2009 U.S. DEPARTMENT OF COMMERCE Form **PTO-1595** (Rev. 08/05) QMB No. 0651-0027 (exp. 6/30/2008) United States Patent and Trademark Office To the Director of the U.S. Patent and Trademark Onice 777002 documents or the new address(es) below. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies) Naruo Sasaki (05/19/2007) and Tadataka Name: Japan Science and Technology Agency Takahashi (05/19/2007) Internal Address: x No Additional name(s) of conveying party(ies) attached? Street Address: 3. Nature of conveyance/Execution Date(s): 4-1-8, Honcho, Kawaguchi-shi Execution Date(s): in parentheses after inventor name x Assignment Merger Change of Name Security Agreement Joint Research Agreement City: Government Interest Assignment State: Executive Order 9424, Confirmatory License **JAPAN** 332-0012 Country: \_ Additional name(s) & address(es) Other Х attached? 4. Application or patent number(s): This document is being filed together with a new application. A. Patent Application No.(s) B. Patent No.(s) 11/667,105 Additional numbers attached? Yes 6. Total number of applications and 5. Name and address to whom correspondence 1 patents involved: concerning document should be mailed: Name: RADER, FISHMAN & GRAUER PLLC 40.00 7. Total fee (37 CFR 1.21(h) & 3.41) \$ Internal Address: Atty. Dkt.: HZA-0005 Authorized to be charged by credit card Street Address: 1233 20th Street, N.W. Authorized to be charged to deposit account Х Suite 501 None required (government interest not affecting title) City: Washington 8. Payment Information DC 20036 a. Credit Card State: Zip: Last 4 Numbers (202) 955-3750 **Expiration Date** Phone Number:

(202) 955-3751

Sterling D. Fillmore – 63,796

Name of Person Signing

Signature

Fax Number:

Email Address:

9. Signature:

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18-0013

October 7, 2009 Date

b. Deposit Account Number

Authorized User Name Sterling D. Fillmore

Total number of pages including cover sheet, attachments, and documents:

Docket Number: HZA-0005

## **ASSIGNMENT**

WHEREAS, I, as a below named inventor, residing at the address stated next to my name, am a sole inventor (if only one name is listed below) or a joint inventor (if plural names are listed below) of certain new and useful improvements in

DYNAMIC-MODE ATOMIC-FORCE-MICROSCOPE PROBE (TIP)
VIBRATION SIMULATION METHOD, PROGRAM, RECORDING MEDIUM,
AND VIBRATION SIMULATOR

for which application for Letters Patent of the United States of America was executed by me on the date indicated next to my name and address;

AND WHEREAS, Japan Science and Technology Agency, a Japanese corporation with offices at 4-1-8, Honcho, Kawaguchi-shi, Saitama 332-0012 JAPAN, (hereinafter referenced as ASSIGNEES) are desirous of acquiring all interest in, to and under said invention, said application disclosing the invention and in, to and under any Letters Patent or similar legal protection which may be granted therefor in the United States and in any and all foreign countries;

NOW THEREFORE, in consideration of the sum of Ten Dollar (\$10.00), and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, as a sole or joint inventor as indicated below, by these presents do hereby assign, sell and transfer unto the said ASSIGNEE, its successors, assigns, and legal representatives, the entire right, title and interest in the said invention, said application, including any divisions and continuations thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said invention, and in and to any all priority rights and/or convention rights under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres, and to any other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, and I hereby authorize and request the Commissioner of Patents to issue the said United States Letters Patent to said ASSIGNEE, as the assignee of the whole right, title and interest thereto;

And I further agree to execute all necessary or desirable and lawful future documents, including assignments in favor of ASSIGNEE or its designee, as ASSIGNEE or its successors, assigns and legal representatives may from time-to-time present to me and without further remuneration, in order to perfect title

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in said invention, modifications, and improvements in said invention, applications and Letters Patent of the United States and countries foreign thereto;

And I further agree to properly execute and deliver and without further remuneration, such necessary or desirable and lawful papers for application for foreign patents, for filing subdivisions of said application for patent, and or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid invention, as the ASSIGNEE thereof shall hereafter require and prepare at its own expense;

And I further agree that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to me and will testify as to the same in any interference or litigation related thereto;

And I hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

And I hereby authorize and request my attorney(s) of record in this application to insert the serial number and filing date of this application in the spaces that follow:

Serial Number: 11/667,105, Filing Date: May 7, 2007.

This assignment executed on the dates indicated below.

Naruo SASAKI	Narus	Lasaki	May 19, 2007
	-	Signature	Date
Tadataka TAKAHASHI	Tadataka	Takahashi	May 19, 2007
		Signature	Date
	-		
	<del></del>	Signature	Date
	<del></del>	Signature	Date

**RECORDED: 10/07/2009** 

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