Form PTO-1595 (Rev. 03-05) OMB No. 0651-0027 (exp. 6/30/2005)	U.S. DEPARTMENT OF United States Patent and Trace
05-13-200	05 ε· α inς
To the Director of the U.S. Pate	ed documents or the new address(e
1. Name of conveying party 10300226	ddress of receiving party(ies)
Toshio Ohashi	Name: Yamaha Corporation
Additional name(s) of conveying party(ies) attached? Yes X No	Internal Address:
Additional name(s) of conveying party(ies) attached? Yes X No  3. Nature of conveyance/Execution Date(s):	Street Address:
	10-1, Nakazawa-cho
Execution Date(s): April 7, 2005  X Assignment Merger Change of Name	- Hamamatsu-shi
Security Agreement Joint Research Agreement	City: Shizuoka-ken
Government Interest Assignment	State:
Executive Order 9424, Confirmatory License	Country: JAPAN Zip:
Other	Additional name(s) & address(es) Yes attached:
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Application or patent number(s):     A. Patent Application No.(s)	This document is being filed together with a new appli  B. Patent No.(s)
11/049,665	
Additional numbers attached	1? Yes X No
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Name: Michael J. Scheer	
DICKSTEIN SHAPIRO MORIN & OSHINSK LLP	Y 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40
Internal Address: Atty. Dkt.: X2007.0172	x Authorized to be charged by credit card
Street Address: 1177 Avenue of the Americas	Authorized to be charged to deposit accou
41st Floor	Enclosed
	None required (government interest not aff
City: New York	8. Payment Information
State: NY Zip: 10036-2714	a. Credit Card Last 4 Numbers100
Phone Number: (212) 896-5472	Expiration Date 02/28
Fax Number: (212) 997-9880  Email Address: ScheerM@DSMO.com	b. Deposit Account Number  Authorized User Name
9. Signature:	
<del></del>	May 5, 2005
9. Signature:	May 5, 2005 Date  Total number of pages including cover

PATENT REEL: 016543 FRAME: 0645

## ASSIGNMENT BY INVENTORS

residing at Hamakita-shi, Japan
respectively;
WHEREAS, Assignors have invented certain new and useful improvement
PHYSICAL QUANTITY SENSOR
set forth in a patent application for Letters Patent of the United States, executed
concurrently herewith; and

## WHEREAS YAMAHA CORPORATION

(hereinafter referred to as "Assignee"), having offices at <u>10-1</u>, <u>Nakazawa-cho, Hamamatsu-shi, Shizuoka-ken, Japan</u>, is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefor and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefor

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PATENT REEL: 016543 FRAME: 0646 and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

AND for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent abovementioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any

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reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignors hereby request the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

AND Assignors hereby grant the following individuals 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 for recordation of this document: Edward A. Meilman, Reg. No. 24,735, Gary M. Hoffman, Reg. No. 26,411, Steven I. Weisburd, Reg. No. 27,409, Thomas J. D'Amico, Reg. No. 28,371, Donald A. Gregory, Reg. No. 28,954, Stephen A. Soffen, Reg. No. 31,063, James W. Brady, Jr., Reg. No. 32,115, Jon D. Grossman, Reg. No. 32,699, Mark J. Thronson, Reg. No. 33,082, Michael J. Scheer, Reg. No. 34,425, and Eric Oliver, Reg. No. 35,307, of Dickstein Shapiro Morin & Oshinsky LLP.

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

Assignors:	
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Toshio Ohashi Toshio OHASHI	Date: Apr. 07, 2005
	Date:
	Date:
	Date:

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RECORDED: 05/09/2005

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