To the Director (  1. Name of conveying party(ies):  Takehiro TAKAHASHI  Additional name(s) of conveying party(ies) attached? Yes [] No [X]  3. Nature of conveyance:  [X] Assignment [] Merger  [] Security Agreement [] Change of Name  [] Other  Execution Date: June 18, 2009  4. Application number(s) or patent number(s):	IAPOSRecid PCT 12 AUG 2009 HEET  U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office  F-10109  he attached original documents or copy-tine to 5 3 3  2. Name and address of receiving party(ies): Name: NIHON DEMPA KOGYO CO., LTD. Internal Address:  Street Address: 50-1, Sasazuka 1-chome, Shibuya-ku, Tokyo, 151-8569, Japan  Additional name(s) & address(es) attached? [] Yes [X] No	
If this document is being filed together with a new application, the file.  A. Patent Application No.(s)  12.449533	B. Patent No.(s)	
Additional numbers attach	ned? [] Yes [X] No	
5. Name and address of party to whom correspondence concerning document should be mailed:  Name: Frank J. Jordan, Esq.  Internal Address: Jordan and Hamburg LLP  Chanin Building  Suite 4000  Street Address: 122 East 42nd Street  City: New York State: New York Zip: 10168	6. Total number of applications and patents involved:  7. Total fee (37 CFR 3.41):\$\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	
DO NOT USE THIS SPACE		
DO NOT USE THIS SPACE		

Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Frank J. Jordan, Esq. Name of Person Signing

August 12, 2009 Date

Total number of pages including cover sheet, attachments, and documents 08/14/2009 DBYRNE

12449533 db.form

81 FC+8921

Mail documents to be recorded with required cover sheet information to: Director of the U.S. Patents & Trademarks Office, Mail Stop Assignment Recordation Services

P.O. Box 1450, Alexandria, VA 22313-1450

**PATENT REEL: 023098 FRAME: 0884** 

## ASSIGNMENT

12/449533

For value received, I/we,	AORI
residing respectively at c/o NIHON DEMPA KOGYO	O CO., LTD. / Sayama Plant
1275-2, Oaza, Kamihirose, Sayama-shi, Saitama, 350-1321, Japan	
hereby sell, assign, and transfer to NIHON DEMPA	KOGYO CO., LTD.,
a corporation existing under the laws of Japan, located at 50-1, Sasazuka 1-chome,	
Shibuya-ku, Tokyo, 151-8569, Japan,	
and its successors, assigns, and legal representatives	, the entire right, title, and interest for all
countries including the United States of America, in PACKAGE-TYPE PIEZOELECTRIC RESONATOR AND	<del></del>
PACKAGE-TYPE PIEZOELECTRIC RESONATOR	which corresponds to Patent
Cooperation Treaty International Applicat	ion No. PCT/JP2008/053126
filed February 19, 2008 of which this app	dication is entry into
the U.S.A. National Stage, and which is	
described in an application for Letters Patent of the Resecuted by me/us on this date, and all patents which reissues, continuations and extensions thereof, and a Patents and Trademarks to issue all patents on said in Company as assignee of the entire interest, and coveragree that I/we will communicate to said Company me/us respecting said improvements and testify in an execute all divisional, continuing and reissue applicated of everything possible to aid said Company, its succession for said invention in the Use Signature Signature Signature Signature Signature	may be granted therefor, and all divisions, uthorize and request the Commissioner of aprovements or resulting therefrom to said nant that I/we have full right so to do, and or its representatives any facts known to y legal proceedings, sign all lawful papers, tions, make all rightful oaths and generally ssors, assigns, and nominees, to obtain and nited States.
Signature	Date
Signature	Date

PATENT REEL: 023098 FRAME: 0885

**RECORDED: 08/12/2009**