Copy of Form PTO- I 09-22-19	
(Rev. 6-93) TO THE HONOK Ples	Patent and Trademark Office TS AND TRADEMARKS: copy thereof.
1. Name of conveying party 1008353	copy mercur.
Taketoshi HINO	Name: Murata Manufacturing Co.Ltd.
Tomoaki FUTAKUCHI	Internal Address: 11 Lill Street Address: 26-10 Tenjin, 2-chome
Yoshikatsu MAEDA	Nagaokakyo-shi, Ky oto-fu, Japan: State: Zip: 617-8555
☐ Individual(s) ☐ Association ☐ General Partnership ☐ Limited ☐ Corporation-State Partnership ☐ Other Additional name(s) of conveying parties attached? ☐ Yes ☐ No	☐Individual(s) citizenship ☐Association ☐General Partnership ☐Limited Partnership ☑Corporation- Japanese ☐Other
3. Nature of Conveyance:	Additional name(s) & address(es) attached? ☐ Yes ⊠No
Execution Date: July 23, 1998 & July 25, 1998	
4. Application number(s) or Patent number(s):	D. Potort No. (c)
A. Patent Application No.(s) 09/116,635 Additional numbers a	B. Patent No.(s) attached ? ☐ Yes ⊠No
 Name and address of party to whom correspondence concerning document should be mailed: Joseph R. Keating, Esq. 	6. Total number of applications and registrations involved: 1
Intellectual Property Department GRAHAM & JAMES, LLP 885 Third Avenue, 21st Floor New York, New York 10022-4834	7. Total fee (37 CFR 3.41): \$40.00 ⊠Enclosed, and <u>We authorize any deficiency</u> to be charged to deposit account:
Telephone: (212) 848-1000	8. Deposit account number: 07-1855 (A duplicate copy of this page is attached.)
	E THIS SPACE
9. Statement and signature. To the heat of my knowledge and heliaf the foregoing.	ng information is two and counsel
A true copy of the original document. Name of person signing: Joseph R. Keating, Esq	ing information is true and correct and any stached copy in the stack of the stack
66 Mail documents to be recorded with required cov	er sheet information to:

511/46468.01 090898/1722/36856.00107 FATENT REEL: 9459 FRAME: 0240

Attorney Docket No.: 36856.101

ASSIGNMENT (WORLDWIDE)

WHEREAS, I, Taketoshi HINO, Tomoaki FUTAKUCHI and Yoshikatsu MAEDA (hereinafter referred to as ASSIGNOR), have invented and own a certain invention entitled PIEZOELECTRIC VIBRATION DEVICE for which application for Letters Patent of the United States has been

executed on even date herewith;

X filed on July 16, 1998 as Serial No. 09/116,635

WHEREAS, Murata Manufacturing Co., Ltd., 26-10 Tenjin 2-chome, Nagaokakyoshi, Kyoto-fu 617-8555, JAPAN (hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire interest in, to and under said invention and the United States Letters Patent to be obtained therefor;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the full and exclusive right, title and interest to the said invention and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute or reissue thereof for the full term or terms for which the same may be granted; and all Letters Patent and applications therefor through the world, including all the rights accruing by virtue of the International Convention for the Protection of Industrial Property.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;

ASSIGNOR further covenants 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 as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.

Dated: 1998

Dated: July, 25, 1998

Dated: July, 23, 1998

RECORDED: 09/22/1998

Taketoshi HINO

Tomoaki Hulakuch

Tomoaki FUTAKUCHI

oshikatsu MAEDA

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