DLS:mjc: 07/02/08 937710.doc 08P063

Atty, Ref. No. 7991-81474-01

RECORDATION FORM COVER SHEET PATENTS ONLY VIA FACSIMILE (571) 273-0140 DIRECTOR OF PATENTS AND TRADEMARKS P.O. BOX 1450 ALEXANDRIA, VA 22313-1450						
1. Total number of pages including cover sheet, attachments and document: 4						
2. Name of Conveying Party(ies) and Execution Date(s) of Document(s) Name(s): Shingo Kawanishi, Yu Iwai, and Ryoichi Ichikawa Execution Date(s): June 26, 2008						
3. Name and address of receiving party Check here if additional name(s) & address(es) are attached						
Name Nihon Dempa Kogyo Co., LTD.						
Address Sasazuka NA Bldg., 1-50-1						
City Sasazuka, Shibuya-ku State/Country Tokyo, Japan Zip 151-8569						
4. Nature of Conveyance						
🖾 Assignment 🗌 Merger 🔲 Security Agreement 🔲 Name Change 🔲 Other:						
5. Total number of applications and patents involved: One						
6. Total Fee (37 C.F.R. § 3.41): \$40.00 Example 2						
7. Check here if any deficiency/overpayment is authorized to be charged to deposit account 02-4550						
8. Enter either the Execution date (of the Declaration and Power of Attorney), Application Number, or the Patent Number. Do not enter more than one number for the same patent. A. This document is being filed with a new application. Execution date is: B. Execution No.(s) or Patent No.(s): 12/166,125 Check here if additional numbers are attached						
9. Correspondent's name, address, and telephone number						
Michael D. Jones						
Klarquist Sparkman, LLP						
One World Trade Center, Suite 1600 121 S.W. Salmon Street						
Portland, Oregón 97204-2988						
Telephone: 503-595-5300						
Facsimile: 503-595-5301						
10. Please return the attached postcard to confirm that these items have been received.						
11. 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.						
Michael D. Jones 12 74 208						
Name of Person Signing Signature Date						

ce: Accounting (only if via fax)

Docketing

700376828

REEL: 021191 FRAME: 0150

PATENT

并整士用参照带号 / Attorney Ref. No. 7991-81474-01

To:USPTO

Assignment **装**液証書

Japanese Language Assignment 日本新による高波配書

(1)	発明者の名前	七記入		(1) Insert Name(s) of Inventor(s)				
	(à)	Shingo KAWAN	IISHI					
	(b)	Yu IWAJ						
	(c)	_Ryoichi ICHIKA	.WA					
	(d)							
	(e)							
	(f)							
	(g)							
	(h)							
(2)		. 払われた有効約 ト署名者は、 F20	関および有価約関 !	(2)	In consideration of good and valuable consideration paid to each of the undersigned, each undersigned agrees to assign, and hereby does assign, transfer and set over to			
(3)	職受人の名前、	住所、所有のか	合を配入	(3)	Insert Name, Address and Percentage of Ownership of Assignee			
		(3) (100	96) Nihon Dempa Sasazuka NA Sasazuka, Shi Tokyo, Japan	Bidg., 1-: buya-ku	50-1			
(4).	4) (以下讓受人と称する)、および讓受人の相続 人、承継人、讓受人、ならびに法律上の代理者 に、本発明と、すべての暫定的、非暫定的、分割 的、継続の、代位の、再発行の出願と、開封物許 状、特許福存続期間の延延、再発行と、			(4)	(hereinafter designated as the Assignee) and Assignee's heirs, auccessors, assigns and legal representatives, his respective entire right, title and interest for the United States of America as defined in 35 U.S.C. §100, in the invention, and in all applications for patent including any and all provisional, non-provisional, divisional, continuation, substitute, and reissue application(s), and all Letters Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as			
(5)	発明の名称を言	弘		(5)	Insert Title			
(5)	PIEZOELECTR	IC VIBRATING I	PIECES AND PIEZO	ELECTR	C DEVICES			
(6)	対応する外国と	順番号を配入		(6)	Insert Corresponding Foreign Application Number(s)			
		(6) <u>JP 200</u>	07-173863, filed July	2, 2007	V new in Ten o			
(7)	において、下 は米関出顧者 のある再審在 て、合衆国法 基づき、アメ	記に明記してある 身で出収した)に 延とを含む、ナイ 半集(35U.S.C.) リカ合衆圏につい 権を確废すること	はアメリカ合衆国 5出顧署名はあるい 与えられる可能性 ででの特願におい 8100での定義に いての全権利、権 に同意し、ここに	(7)	for which each undersigned has executed an application for patent in the United States of America on the date(s) shown below or identified by application number shown below			

ベージ3の1 / Page 1 of 3 PATENT

REEL: 021191 FRAME: 0151

弁護士用参照世号 / Attorney Ref. No. 7991-81474-01

B)	出顧署名日を記入		(8) Insert Date of Signing of Application
	(8)	(a)	
		(b) _	
		(c)	
		(d) _	
		(o) _	
		(f) _	
		(g)	
		/h\ _	

5035955301

- (9) 出頭に関する代替識別事項としての、米国出版書 与ならびに出頭日
 - (9) 12/166,125
- (10) 各署名者は、出顧ならびに本発明の継続的、分割的、または再発行の出顧、およびその結果発行する低度の特許に関連する必要な全書類に署名標即し、さらに譲受人が必要と見なしうる出願および特許に関連する個別の額受証書に署名捺印することに同意する。
- (11) 各署名者は、本発明に関係する出願、純続、分割、または本発明に基づく特許あるいは再発行出 顧に関して主張されりる抵無審査に関連して必要 となる企書類に署名捺印し、さらにそのような抵 無審査で証拠の人手および進行においてできる最 りの方法で譲受人に協力することに同意する。
- (12) 各署名者は、全書類および企文書に署名核印し、 さらに工業所有權保護国際条約または類似の協定 の請求あるいは条項に関連して必要となりうる行 動の実行に同意する。
- (13) 各署名者は、職受人に対し、有効な合衆国特許程 職与証蓄の入争、維持、または再発行あるいは再 審査による確認に必要となりうるすべての積極的 優先処遇を実行することに開意する。
- (14) 各署名者は、前述の出願の結果発生するすべての 合衆国関封動許状を、蘇受人がここで鎮受の全利 帯を護護する完全な権利を持ち、さらにこれに抵 触する合意に署名協印しておらず、将来署名協印 しないという全利審および契約の額受人として、 議受人に発行する権限を特許庁長官に与え、特許 庁員官に発行を申請し、さらにこの譲渡証書が議 受人本人、議受人の相続人、承継人、護受人、お よび法律上の代理者に拘束力があることに同意する。
- (15) 各署名皆は、会社 Klarquist Sparkman, LLP に対し、本文書の記録に関する合衆国特許所様庁の規定に従うために必要なまたは望ましいその他の機別をこの証書に挿入する権限をここにおいて付与する。
- (16) 以上を確認のよで、署名者の名前機の目付に署名 者によって署名條印される。

(9) Alternative Identification for filed applications, U.S. Application Sorial Number and Date Filed

July 1, 2008

- (10) Each undersigned agrees to execute all papers necessary in connection with any application and any continuing, divisional or reissue applications for the invention, and any patent(s) issuing thereon, and also to execute separate assignments in connection with such applications and patents as the Assignee may does necessary.
- (11) Each undersigned agrees to execute all papers necessary in connection with any interference which may be declared concerning any application or continuation or division thereof, or any patent or reissue application based thereon, for the invention, and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.
- (12) Each undersigned agrees to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.
- (13) Each undersigned agrees to perform all affirmative acts which may be necessary to obtain, maintain or confirm by reissue or reexamination a grant of a valid United States patent to the Assignee.
- (14) Each undersigned authorizes and requests the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application(s) to the said Assignee, as Assignee of the entire interest, and covenants that he has full right to convey his respective entire interest herein assigned, and that he has not executed, and will not execute, any agreements in conflict herewith, and agrees that this assignment is binding on him and his heirs, successors, assigns and legal representatives.
- (15) Each undersigned hereby grants the firm of Klarquist Sparkman, LLP, the power to insert on this assignment any further identification that may be necessary or desimble in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.
- (16) In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

ベージ3の2 / Page 2 of 3 PATENT

REEL: 021191 FRAME: 0152

弁護:上用参照番号 / Attorney Ref. No. 7991-81474-01

月 (小/Date ;	<u>いいたたらいで</u> 発明者の署名/Inventor Signature	Shingo RAWANISHI (抵印/SEAL)
用 付/Date :	<u>June 16,200</u> 分発明者の海名/Inventor Signature	yu lwai (城印/SEAL)
日 (-f//Date :	June 26_200 を発明者の署名/Inventor Signature	Ryoichi Schikawa (##FI/SEAL)
(6)合纲	国外の場合は最低2名の証人の前で署名し	This Assignment should preferably be signed before (s) a Notary Public if within the U.S.A., or (b) before at least two witnesses, if outside the U.S.A.
(18) 証人	(18)	Wimess
El (-l'/Deto :	証人の署名/Signaturo	
耳(中/Date :	部人の写名/Witness Signature	

REEL: 021191 FRAME: 0153