

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT								
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT								
<b>CONVEYING PARTY DATA</b>									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:70%;">Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Junji FURUE</td> <td>01/19/2008</td> </tr> <tr> <td>Masato MURAHASHI</td> <td>01/24/2008</td> </tr> <tr> <td>Yuuji HATA</td> <td>01/22/2008</td> </tr> </tbody> </table>		Name	Execution Date	Junji FURUE	01/19/2008	Masato MURAHASHI	01/24/2008	Yuuji HATA	01/22/2008
Name	Execution Date								
Junji FURUE	01/19/2008								
Masato MURAHASHI	01/24/2008								
Yuuji HATA	01/22/2008								
<b>RECEIVING PARTY DATA</b>									
<b>Name:</b>	KYOCERA CORPORATION								
<b>Street Address:</b>	6, Takeda Tobadono-cho, Fushimi-ku								
<b>City:</b>	Kyoto-shi, Kyoto								
<b>State/Country:</b>	JAPAN								
<b>Postal Code:</b>	612-8501								
<b>PROPERTY NUMBERS Total: 1</b>									
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:30%;">Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12064949</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12064949				
Property Type	Number								
Application Number:	12064949								
<b>CORRESPONDENCE DATA</b>									
<b>Fax Number:</b>	(310)785-4601								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
<b>Phone:</b>	310-785-4600								
<b>Email:</b>	ljmclure@hhlaw.com								
<b>Correspondent Name:</b>	HOGAN & HARTSON L.L.P.								
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<b>Address Line 2:</b>	SUITE 1400								
<b>Address Line 4:</b>	LOS ANGELES, CALIFORNIA 90067								
<b>ATTORNEY DOCKET NUMBER:</b>	81872.0147								
<b>NAME OF SUBMITTER:</b>	Lawrence J. McClure								

Total Attachments: 3  
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**500473204**

**PATENT  
 REEL: 020563 FRAME: 0993**

**CH \$40.00 12064949**

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# RECORDATION FORM COVER LETTER PATENTS ONLY

Attorney Docket No.: 81872.0147

To the Assistant Commissioner for Patents: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Junji FURUE signed 01/19/2008  
Masato MURAHASHI signed 01/24/2008  
Yuuji HATA signed 01/22/2008

Additional name(s) of conveying party(ies) attached?  Yes  No

2. Name and address of receiving party(ies):

KYOCERA CORPORATION  
6, Takeda Tobadono-cho, Fushimi-ku  
Kyoto-shi, Kyoto 612-8501 Japan

Additional name(s) & address(es) attached?  Yes  No

3. Nature of conveyance:

Assignment

Execution Date: January 19, 22 and 24, 2008

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: January 24, 2008

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:

Lawrence J. McClure, Esq.  
HOGAN & HARTSON L.L.P.  
.1999 Avenue of the Stars, Suite 1400  
Los Angeles, CA 90067

6. Total number of applications and patents involved: [ 1 ]

7. Total fee (37 CFR 3.41) \$40.00

Enclosed  
 Authorized to be charged to deposit account

8. Deposit account number:

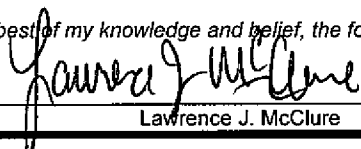
50-1314

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9. Statement and signature.

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



Lawrence J. McClure

Date: February 26, 2008

OMB No. 0651-0011 (exp. 4/94)

Mail documents to be recorded with required cover sheet information to:

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

ASSIGNMENT  
譲渡証書

(1-8) 発明者名 (1) (5)  
(2) (6)  
(3) (7)  
(4) (8)  
以下の署名者各々に対して支払わ  
れる価値ある対価に基づき、下記  
署名者は被譲渡人、

(1-8) Name(s) of (1) Junji FURUE (5)  
Inventor(s) (2) Masato (6)  
MURAHASHI (7)  
(3) Yuuji HATA (8)  
(4)

(9) 被譲渡人氏名 (9)  
(10) 被譲渡人の会社 (10)  
設立の州名  
(11) 被譲渡人の住所 (11)  
  
(上記を、以下被譲渡人)へ、下  
記署名者が米国に於いて特許出願  
した

(9) Name of (9) KYOCERA CORPORATION  
Assignee  
(10) State of (10) Japan  
Incorporati  
on of  
Assignee

(12) 発明の名称、特 (12)  
名番号、又は外国に於け  
る特許出願番号等の発明  
を識別するもの  
  
で識別される特許出願として公知  
の発明、及びそれに対応する若し  
くはそれに基づいた外国での全て  
の特許出願として公知の発明の世  
界各国に亙つての権利、所有権及  
び利益を譲渡することに同意し、  
ここに譲渡する。

(11) Address of (11) of 6, Takeda Tobadono-cho, Fushimi-ku,  
Assignee Kyoto-shi, Kyoto 612-8501, Japan  
(hereinafter designated as the Assignee) the  
entire worldwide right, title and interest in  
the invention known as  
(12) (12) PIEZOELECTRIC RESONATOR  
for which the undersigned has (have)  
executed an application for patent in the  
United States of America and all patent  
applications in foreign countries  
corresponding thereto or based thereon.

(13) 署名日宣言 (13) 日付  
  
1) 下記署名者は、上記の発明に関し米国及び外国  
に於ける原出願、再発行、分割出願及び継続出願に必要な  
全ての書類手続きを遂行することに同意する。さらに下記  
署名者は、被譲渡人が必要もしくは便宜と看做した際に  
は、かかる出願に関し別個の譲渡手続きを行うことに同意  
する。

(12) Identifi (12)  
cation of cation of  
Invention, Identification of  
such as Invention,  
Title, Case Title, Case  
Number or Number or  
Foreign Foreign  
Application Application  
Number Number  
(13) Date(s) of (13) on  
Signing of Signing of  
Declaration Declaration

2) 下記署名者は、当該出願又はその継続出願又は  
分割出願に関し提起され得る抵触審査に関連して必要な全  
ての書類手続きを遂行することに同意する。さらにかかる  
抵触審査が発生した際には、証拠の収集等事態の進展に関  
し被譲渡人に対しあらゆる協力をすることに同意する。

1) The undersigned agree(s) to execute all papers necessary in  
connection with any original, reissue, divisional and continuing United  
States and foreign applications for the above identified invention and  
also to execute separate assignments in connection with such  
applications as the Assignee may deem necessary or expedient.

3) 下記署名者は、パリ条約条項又は類似の合意の  
要求又は規定に関し必要な全ての書類手続き、及び必要と  
看做される行為全てを遂行することに同意する

2) The undersigned agree(s) to execute all papers necessary in  
connection with any interference which may be declared concerning  
this application or continuation or division thereof and to cooperate  
with the Assignee in every way possible in obtaining evidence and  
going forward with such interference.

4) 下記署名者は、被譲渡人が有効な米国特許の付  
与の獲得にあたり必要と看做されるあらゆる積極的行動を  
とることに同意する。

3) The undersigned agree(s) 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.

4) The undersigned agree(s) to perform all affirmative acts which  
may be necessary to obtain a grant of a valid United States patent to the  
Assignee.

5) 下記署名者は、ここに、特許庁長官に対し、被譲渡人を全利益の被譲渡人と看做し、当該出願又はその分割及び継続出願の米国特許証を被譲渡人に発行する権限を与え、かかる発行を要請する。下記署名者はさらに、被譲渡人はここに譲渡される全利益の譲渡を受ける権利を有すること、及び当該内容に違反する内容の契約は締結していないことを誓約する。

6) 下記署名者は、ここに、顧客番号

000026021 →

で表される者に、この書類の登録に関して米国特許商標庁の規則の順守にあたり必要もしくは望ましい識別番号等がこの譲渡証書に追加する権限を与える。

日付 _____	第一署名者 _____
日付 _____	第二署名者 _____
日付 _____	第三署名者 _____
日付 _____	第四署名者 _____
日付 _____	第五署名者 _____
日付 _____	第六署名者 _____

5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest here in assigned and that he has (they have) not executed any agreement in conflict herewith.

6) The undersigned hereby appoints the persons associated with Customer Number:

000026021 →

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.

Date: 2008, 1, 19	Signature of Inventor 1 <u>Junji Furue</u>
Date: 2008, 1, 24	Signature of Inventor 2 <u>Masato Murahashi</u>
Date: 2008, 1, 22	Signature of Inventor 3 <u>Yuuji Hata</u>
Date: _____	Signature of Inventor 4 _____
Date: _____	Signature of Inventor 5 _____
Date: _____	Signature of Inventor 6 _____