

03-17-1999



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RECORDATION FORM COVER SHEET
PATENTS ONLY

JCI:35 U.S. PTO
09/260817
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TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

Submission Type

New

Resubmission (Non-Recordation)
Document ID#

Correction of PTO Error
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Conveyance Type

Assignment Security Agreement

License Change of Name

Merger Other

U.S. Government
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Departmental File Secret File

Conveying Party(ies)

Mark if additional names of conveying parties attached

Name (line 1) Execution Date Month Day Year

Name (line 2)

Second Party

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Name (line 1) If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

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Address (line 2)

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City State/Country Zip Code

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Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

Mail documents to be recorded with required cover sheet(s) information to:
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03/15/1999 AGRNYI 0000051 09260817
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Pages Enter the total number of pages of the attached conveyance document including any attachments.

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Application Number(s) or Patent Number(s)

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Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

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If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year
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Patent Cooperation Treaty (PCT)

Enter PCT application number only if a U.S. Application Number has not been assigned.

PCT <input type="text"/>	PCT <input type="text"/>	PCT <input type="text"/>
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Number of Properties

Enter the total number of properties involved.

#

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$

Method of Payment:
Deposit Account

Enclosed Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number: #

Authorization to charge additional fees: Yes No

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. Charges to deposit account are authorized, as indicated herein.

Stephen A. Hill

Name of Person Signing


Signature

3/2/99

Date

RECORDATION FORM COVER SHEET CONTINUATION PATENTS ONLY

U.S. PATENT
18092760
09/26/97
03/02/99

Conveying Party(ies)

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Enter additional Conveying Parties

Name (line 1) Tadao SUNAHARA

Execution Date
Month Day Year
02 / 22 / 99

Name (line 2)

Execution Date
Month Day Year
/ /

Name (line 1)

Name (line 2)

Execution Date
Month Day Year
/ /

Name (line 1)

Name (line 2)

Receiving Party(ies)

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Address (line 3) City State/Country Zip Code

Application Number(s) or Patent Number(s)

Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

ASSIGNMENT

WHEREAS, new and useful inventions and improvements have been made by the undersigned, such being entitled

PIEZOELECTRIC ACOUSTIC DEVICE

(Enter title of invention)

and are the subject of a patent application prepared for filing in the United States Patent and Trademark Office, and executed by the undersigned on the dates indicated below which application is further identified as Rankin, Hill, Lewis & Clark, Docket No.

11604

WHEREAS, Hokuriku Electric Industry Co., Ltd. of 3158 Shimo-okubo, Osawano-machi, Kami-niikawagun, Toyama Pref., Japan,

(Enter name of assignee)

a corporation of Japan,
(Enter state or country of incorporation)

hereinafter referred to as "assignee", is desirous of acquiring all right, title, and interest in and to said improvements and inventions and patent rights therefor in the United States of America.

NOW, THEREFORE, be it known that, for valuable consideration, the receipt and sufficiency of which are hereby acknowledged, all right, title, and interest, in the United States, in and to said improvements and inventions and all patents, patent applications, and patent rights, therefor, including without limitation said application for patent in the United States, all divisions and continuations thereof, all patents which may be granted thereon, all reissues and extensions thereof and all right to sue for past infringement thereunder, are hereby sold, assigned, and transferred unto assignee, its successors and assigns; and it is covenanted and agreed by the undersigned, and all executors, administrators, and legal representatives of the undersigned, that at assignee's request any and all applications, affidavits, assignments, and other instruments will be made, executed, and delivered as may be necessary, or desirable to secure for or vest in assignee, its successors and assigns, any right, title, and interest covered by this assignment, and the United States Commissioner of Patents and Trademarks is hereby requested and authorized to issue any and all United States patents granted on any of said applications to assignee as owner of the entire right, title, and interest in and to the same.

The undersigned hereby grant(s) the firm of Rankin, Hill, Lewis & Clark 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.

IN WITNESS WHEREOF, this assignment has been executed below by the undersigned:

February 22, 1999
Date Signed

Masao Senoo
(Enter first inventor's name) Masao SENOO

Address: 569-34 Oowada-cho 1-chome, Oomiya-shi,
Saitama-ken, Japan

February 22, 1999
Date Signed

Tsuyoshi Yamashita
(Enter second inventor's name) Tsuyoshi YAMASHITA

Address: c/o Hokuriku Electric Industry Co., Ltd.
3158 Shimo-okubo, Osawano-machi,
Kami-niikawagun, Toyama Pref., Japan

February 22, 1999
Date Signed

Tadao Sunahara
(Enter third inventor's name) Tadao SUNAHARA

Address: c/o Hokuriku Electric Industry Co., Ltd.
3158 Shimo-okubo, Osawano-machi,
Kami-niikawagun, Toyama Pref., Japan

Date Signed

(Enter fourth inventor's name)

Address: _____

