

MAN 7-26-99

FORM PTO-1619A
Expires 06/30/99
OMB 0651-0027

08-03-1999

U.S. Department of Commerce
Patent and Trademark Office
PATENT



101108268

**RECORDATION FORM COVER SHEET
PATENTS ONLY**

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
Reel # Frame #

☐ Corrective Document
Reel # Frame #

Conveyance Type

☒ Assignment ☐ Security Agreement

☐ License ☐ Change of Name

☐ Merger ☐ Other

U.S. Government
(For Use ONLY by U.S. Government Agencies)

☐ Departmental File ☐ Secret File

101108268 U.S. PTO
09/360549
07/26/99

Conveying Party(ies)

☐ Mark if additional names of conveying parties attached

Execution Date
Month Day Year
06 / 14 / 99

Name (line 1) Shigeru Hirose

Name (line 2)

Second Party

Name (line 1) Masato Ando

Name (line 2)

Execution Date
Month Day Year
/ /

Receiving Party

☐ Mark if additional names of receiving parties attached

Name (line 1) Hokuriku Electric Industry Co., Ltd.

Name (line 2)

Address (line 1) 3158 Shimo-okubo, Osawano-machi

Address (line 2) Kami-niikawagun

Address (line 3) Toyama Pref. JAPAN Zip Code

☒ 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.)

08/02/1999 PEOPLE'S 00000000 09360549
02 FC:581 40.00 UP

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name Carl A. Rankin

Address (line 1) Rankin, Hill, Porter & Clark LLP

Address (line 2) 700 Huntington Building

Address (line 3) 925 Euclid Avenue

Address (line 4) Cleveland, Ohio 44115-1405 U.S.A.

FOR OFFICE USE ONLY

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:
Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

REEL: 010132 FRAME: 0508

Correspondent Name and Address

Area Code and Telephone Number (216) 566-9700

Name Carl A. Rankin

Address (line 1) Rankin, Hill, Porter & Clark LLP

Address (line 2) 700 Huntington Building

Address (line 3) 925 Euclid Avenue

Address (line 4) Cleveland, Ohio 44115-1405

Pages

Enter the total number of pages of the attached conveyance document including any attachments.

2

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)

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
06 / 14 / 99

Patent Cooperation Treaty (PCT)

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

PCT PCT PCT
PCT PCT PCT

Number of Properties

Enter the total number of properties involved.

1

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00

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: # 18-0160

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.

Carl A. Rankin

Carl A. Rankin

July 26, 1999

Name of Person Signing

Signature

Date

RECORDATION FORM COVER SHEET
CONTINUATION
PATENTS ONLY

U.S. Department of Commerce
Patent and Trademark Office
PATENT

Conveying Party(ies)

☐ Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Name (line 1) Yoshiyuki Nakamizo

Execution Date
Month Day Year

Name (line 2)

Execution Date
Month Day Year

Name (line 1) Takeshi Arikura

Name (line 2)

Execution Date
Month Day Year

Name (line 1) Tsutomu Sawai

Name (line 2)

Receiving Party(ies)

☐ Mark if additional names of receiving parties attached

Enter additional Receiving Party(ies)

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.)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

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

ACCELERATION DETECTING 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.

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:

June 14, 1999

Date Signed

Shigeru Hirose

(Enter first inventor's name) Shigeru HIROSE

Address:

c/o Hokuriku Electric Industry Co., Ltd.

3158 Shimo-okubo, Osawano-machi,

Kami-niikawagun, Toyama Pref., Japan

June 14, 1999

Date Signed

Masato Ando

(Enter second inventor's name) Masato ANDO

Address:

c/o Hokuriku Electric Industry Co., Ltd.

3158 Shimo-okubo, Osawano-machi,

Kami-niikawagun, Toyama Pref., Japan

June 14, 1999

Date Signed

Yoshiyuki Nakamizo

(Enter third inventor's name) Yoshiyuki NAKAMIZO

Address:

c/o Hokuriku Electric Industry Co., Ltd.

3158 Shimo-okubo, Osawano-machi,

Kami-niikawagun, Toyama Pref., Japan

June 14, 1999

Date Signed

Takeshi Arikura

(Enter fourth inventor's name) Takeshi ARIKURA

Address:

c/o Hokuriku Electric Industry Co., Ltd.

3158 Shimo-okubo, Osawano-machi,

Kami-niikawagun, Toyama Pref., Japan

June 14, 1999

Date Signed

Tsutomu Sawai

(Enter fifth inventor's name) Tsutomu SAWAI

Address:

c/o Hokuriku Electric Industry Co., Ltd.

3158 Shimo-okubo, Osawano-machi,

Kami-niikawagun, Toyama Pref., Japan