



07-27-2005

Q87717

MODIFIED Form PTO-1595
(Rev. 10/02)

RECO

U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

103048799

To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Koji TAKAYAMA
Masatoshi SATO
Shizuchi HAYASAKA
Hiroyuki KOBAYASHI

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

PIONEER CORPORATION
4-1, Meguro 1-chome,
Meguro-ku, Tokyo, JapanTOHOKU PIONEER CORPORATION
1105, Aza Nikko, Oaza Kunomoto,
Tendo-shi, Yamagata, JapanAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

Execution Date: April 21, 2005

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

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:

A. Patent Application No.(s)
11/114,222B. Patent No.(s)
UnknownAdditional numbers attached? ☐ Yes ☒ No

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

SUGHRUE MION, PLLC

WASHINGTON OFFICE

23373

CUSTOMER NUMBER

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 No. 19-4880.

The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.

8. Deposit Account Number:

19-4880

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. 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.

Darryl Mexic

Reg. No. 23,063

July 21, 2005

Date

Total number of pages including cover sheet, attachments, and documents: 2

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

MAIL STOP ASSIGNMENT RECORDATION SERVICES

Director of the U.S. Patent and Trademark Office

P.O. Box 1450

Alexandria, VA 22313-1450

07/26/2005 GTOW11 00000134 11114222

01 FC:8021

40.00 DP

PATENT
REEL: 016797 FRAME: 0009

ASSIGNMENT

Whereas, I/we Koji TAKAYAMA, Masatoshi SATO,
Shinichi HAYASAKA and Hiroyuki KOBAYASHI

all of Yamagata, Japan

hereinafter called assignor(s), have invented certain improvements in

METHOD FOR MANUFACTURING DIAPHRAGM FOR USE IN ELECTROACOUSTIC TRANSDUCER
and executed an application for Letters Patent of the United States of America therefor on

April 21, 2005; and

Whereas,

1. PIONEER CORPORATION

of 4-1, Meguro 1-chome, Meguro-ku, Tokyo, Japan

2. TOHOKU PIONEER CORPORATION

of 1105, Aza Nikko, Oaza Kunomoto, Tendo-shi, Yamagata, Japan

(assignee), desires to acquire the entire right, title and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U.S.C. § 119, and I/we request the Director – U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

I/We hereby authorize and request my/our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037-3213 to insert here in parentheses (Application number _____, filed _____) the filing date and application number of said application when known.

Date: April 21 2005 s/ Koji Takayama

Date: April 21 2005 s/ Masatoshi Sato

Date: Apr. 21. 2005 s/ Shinichi Hayasaka

Date: Apr. 21. 2005 s/ Hiroyuki Kobayashi

Date: s/ _____

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)