

02-10-2005

ET

HDP Docket No. 5077-000233
Express Mail Label No. EV 570 163 070 US
(1/26/2005)

To the Director of the U.S. Patents

102938703

d documents or the new address(es) below.

1. Name of conveying party(ies)/Execution Date(s):

Hideo Torii
Eiji Fujii
Takeshi Kamada

Execution Date(s) January 21, 2005

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

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

2. Name and address of receiving party(ies)

Name: Matsushita Electric Industrial Co., Ltd.

Internal Address: _____

Street Address: 1006, Oaza Kadoma

Kadoma-shi

City: Osaka

State: _____

Country: Japan Zip: 571-8501

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

113010 U.S. PTO
11/04/3704

012605

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

☒ This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

02/03/2005 FFANAIAR 00000007 11043704

01 FC:8021

40.00 DP

Additional numbers attached? ☐ Yes ☒ No

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

Name: Gregory A. Stobbs

Internal Address: Harness, Dickey & Pierce, P.L.C.

Street Address: P.O. Box 828

City: Bloomfield Hills

State: MI Zip: 48303

Phone Number : 248-641-1600

Fax Number: 248-641-0270

Email Address: stobbs@hdp.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☐ Authorized to be charged by credit card
☐ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

- a. Credit Card Last 4 Numbers _____
Expiration Date _____
b. Deposit Account Number 08-0750
Authorized User Name _____

9. Signature :

Greg Stobbs
Signature

January 26, 2005

Gregory A. Stobbs

Date

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

3

Name of Person Signing

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

PATENT
REEL: 016235 FRAME: 0881

Attorney Docket No. 5077-000233**ASSIGNMENT**WHEREAS, Hideo TORII, Eiji FUJII and Takeshi KAMADA

(hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in PIEZOELECTRIC ELEMENT AND METHOD FOR MANUFACTURING THE SAME, AND INK JET HEAD AND INK JET RECORDING APPARATUS USING THE PIEZOELECTRIC ELEMENT for which the undersigned has (have):

- (a) filed an application for Letters Patent of the United States of America on _____ having Serial No. _____; or
- (b) executed an application for Letters Patent of the United States of America on the date(s) indicated below; and

WHEREAS, Matsushita Electric Industrial Co., Ltd. of 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501, Japan

its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to the undersigned in hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned has (have) sold, assigned and transferred, and by these presents do sell, assign and transfer unto the Assignee the full and exclusive right to the said invention in the United States of America and its territories and for all foreign countries, dependencies and possessions and the entire right, title and interest in and to the application and any and all Letters Patent(s) which may be granted therefor in the United States of America and its territories, dependencies and possessions, and in and to any and all divisions, reissues, continuations and extensions thereof for the full term or terms for which the same may be granted.

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or any continuation, division or reissue thereof or Letters Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims under or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent(s) to the Assignee and to vest all rights therein hereby conveyed to the Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

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

This Assignment has been executed by the undersigned on the date(s) indicated.

Date: January 21, 2005, *Hideo Torii*
Hideo TORII

Date: January 21, 2005, *Eiji Fujii*
Eiji FUJII

Date: January 21, 2005, *Takeshi Kamada*
Takeshi KAMADA

Date: _____, _____

Date: _____, _____

Date: _____, _____

Date: _____, _____

Date: _____, _____