

11-10-1999



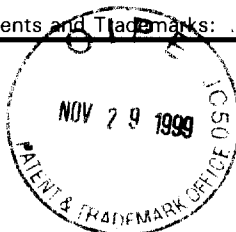
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or copy thereof

To the Honorable Commissioner of Patents and Trademarks:

1. Name of conveying party(ies):

Sang Kyeong YUN, Dong Hoon KIM
and Yeon Kyoung JUNG



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

Name: SAMSUNG ELECTRO-MECHANICS CO., LTD.

Internal Address:

Street Address: 314 MAETAN-DONG, PALDAL-GU

SUWON-SHI

City: KYUNGKI-DO Country: KOREA Zip:

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

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

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other

Execution Date: October 19, 1999

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: 10/19/99

A. Patent Application No.(s)

B. Patent No.(s)

EXPRESS MAIL
Date: 10/29/99 **Fm 595862903**
deposit the payment of the fee
& that it is not a duplicate
of related applications.
Express Mail No. 595862903

Additional numbers attached? Yes No

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

Name: Darby & Darby P.C.

Internal Address: Joseph B. Lerch

Street Address: 805 Third Avenue, 27th Floor

City: New York State: New York Zip: 10022-7513

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:

04-0100

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

11/08/1999 HGBRDBN 00000004 09429830

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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.

Joseph B. Lerch
Name of Person Signing

Joseph B. Lerch
Signature

Date 10/29/99

Total number of pages including cover sheet, attachments, and document:

2

ASSIGNMENT

I, Sang Kyeong YUN, a citizen of Republic of Korea, residing at #7-1308 Samsung 2cha APT., Maetan-Dong, Paldal-Gu, Suwon-Shi, Kyungki-Do, Korea;

I, Dong Hoon KIM, a citizen of Republic of Korea, residing at #603-407 Yuwon APT., Kwonsun-Dong, Kwonsun-Gu, Suwon-Shi, Kyungki-Do, Korea; and

I, Yeon Kyoung JUNG, a citizen of Republic of Korea, residing at #8-503, Mujigae Apt., Seocho2-Dong, Seocho-Gu, Seoul, Korea;

(hereafter called "ASSIGNORS") in consideration of the sum of One Dollar(\$1.00) or the equivalent thereof, and other good and valuable consideration paid to us by SAMSUNG ELECTRO-MECHANICS CO., LTD., a corporation organized under the laws of Republic of Korea, located at 314, Maetan-Dong, Paldal-Gu, Suwon-Shi, Kyungki-Do, Korea, (hereafter called the "ASSIGNEE"), do hereby sell and assign to the said ASSIGNEE, its successors and assigns, all our right, title and interest, in and for the United States of America, in and to our invention entitled:

PIEZOELECTRIC/ELECTROSTRICTIVE MICROACTUATOR USING A MIXTURE OF CERAMIC POWDER AND POLYVINYLIDENE FLUORIDE AND MANUFACTURING METHOD THEREOF

invented by us and described in the application for United States Letters Patent therefor, executed on an even date herewith, and all divisions, reissues, continuations, and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted, to be held and enjoyed by said ASSIGNEE, its successors, assigns or other legal representatives, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by said ASSIGNORS if this assignment and sale had not been made;

And ASSIGNORS hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of said above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said ASSIGNEE;

And the said ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said ASSIGNEE.

I declare under penalty of perjury under the laws of the United States of America that I have signed this document as my own free act and that all of the foregoing is true and correct.

Dated: Oct 19, 1999 Sang Kyeong YUN
(Name) Sang Kyeong YUN, Inventor

Dated: October 19, 1999 Kim Dong Hoon
(Name) Dong Hoon KIM, Inventor

Dated: Oct. 19, 1999 Y. K. Jung
(Name) Yeon Kyoung JUNG, Inventor