

12-19-2003



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FORM PTO-1596  
1-31-92

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

DOCKET NO. 2336-233

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereto:

1. Name of conveying party(ies):  
**1215-03**  
1. Seuk Hwan CHUNG

2. Name and address of receiving party(ies):  
Name: **SAMSUNG- ELECTRO MECHANICS CO., LTD.**  
Street Address: **314 Maetan-3-dong, Paldal-ku**  
City: **Kyungki-do**  
State: **Suwon**  
Country: **Republic of Korea**

3. Nature of conveyance:  
 Assignment                       Merger  
 Security Agreement               Change of Name  
 Other  
Execution Date: December 10, 2003

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

4. Application number(s) or patent number(s):  
**10734151**  
If the document is being filed together with a new application, the execution date of the application is: *n/a*  
A. Patent Application No(s).  
**filed**

B. Patent No(s).  
Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:  
Name:  
**LOWE HAUPTMAN GILMAN & BERNER**  
Internal Address:  
Street Address: **1700 Diagonal Road, Suite 300**  
City: **Alexandria**              State: **VA**              Zip: **22314**

6. Total number of applications and patents involved: **one**  
7. Total fee (37 CFR 3.41), \$ **40.00**  
 Enclosed  
 Authorized to be charged to deposit account  
 Credit Card payment form enclosed  
8. Deposit account number: 07-1337

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9. Signature.  
  
**Benjamin J. Hauptman, 29,310**  
Name of Person, Registration No.

Signature  
**December 15, 2003**  
Date

Total number of pages including cover sheet, attachment, and document: **3**  
CMB No. 0851-0011 (exp. 4/94)

17302 U.S. PTO  
10734151  
121503

12/16/2003 HLE333 00000037 10734151  
08 FC:8021 40.00 OP

PATENT  
REEL: 014795 FRAME: 0495

Docket No.

**ASSIGNMENT**

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

- |                             |           |
|-----------------------------|-----------|
| (1) <u>CHUNG, Seuk Hwan</u> | (4) _____ |
| (2) _____                   | (5) _____ |
| (3) _____                   | (6) _____ |

who have made a certain new and useful invention, hereby sell, assign and transfer unto

SAMSUNG ELECTRO-MECHANICS CO., LTD.  
314 Maetan-3-dong, Youngtong-ku, Suwon,  
Kyungki-do, Republic of Korea

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled **INJECTION METHOD OF INSERTING SPRING INTO MULTIFUNCTIONAL ACTUATOR**

(a) for which an application for United States Letters Patent was filed on \_\_\_\_\_, and identified by United States Serial No. \_\_\_\_\_;

or

(b) for which an application for United States Letters Patent was executed on \_\_\_\_\_,

and the undersigned hereby authorize and request the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the dates indicated aside our signatures:

INVENTOR(S)

DATE SIGNED

1) CHUNG SEUK HWAN

December 10, 2003

Name: CHUNG, Seuk Hwan