07-12-2001

To the Honorable Commissioner of Patents and Trademarks	101774251 :: Please record the attached Juguian
Name of conveying party(ies):	2. Name and address of receiving party(ies):
1) Seung Wan ROH	Name: SAMSUNG ELECTRO-MECHANICS CO., LTD
Additional name(s) of conveying party(ies) attached?Yes X No	Internal Address:
3. Nature of conveyance:	
X Assignment Merger	
Security Agreement Change of Name Other	Street Address: 314 Maetan-dong. Paldal-ku, Suwon-si
Execution Date: September 1, 2000	
	City: State or Area: Kyungki -Zip/Postal Code: Country: Republic of K
	Additional name(s) & address(es) attached? Yes X No
re+ 40.00 file	B. Patent No(s). attached? Yes X No
If the document is being filed together with a new application, the ex. A. Patent Application No(s). 2001 AWONDAF1 00000017 29129177 40 00 09	B. Patent No(s).
If the document is being filed together with a new application, the example of the A. Patent Application No(s). 1001 AWONDAF1 00000017 29129177 161 Additional numbers 5. Name and address of party to whom correspondence	B. Patent No(s).
If the document is being filed together with a new application, the example of the A. Patent Application No(s). 2001 AWONDAF1 00000017 29129177 40.00 file	B. Patent No(s). attached? Yes X No
A. Patent Application No(s). 2001 AWONDAF1 00000017 29129177 361 Additional numbers 5. Name and address of party to whom correspondence concerning document should be mailed:	B. Patent No(s). attached? Yes X No 6. Total number of applications and patents involved: 1
If the document is being filed together with a new application, the example of the A. Patent Application No(s). 2001 AWONDAF1 00000017 29129177 40.00 0F Additional numbers 5. Name and address of party to whom correspondence concerning document should be mailed: Name: LOWE HAUPTMAN GILMAN & BERNER	B. Patent No(s). attached? Yes X No 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41)
If the document is being filed together with a new application, the example of the A. Patent Application No(s). 2001 AWONDAF1 00000017 29129177 40.00 0F Additional numbers 5. Name and address of party to whom correspondence concerning document should be mailed: Name: LOWE HAUPTMAN GILMAN & BERNER	B. Patent No(s). attached? Yes X No 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41)
If the document is being filed together with a new application, the example of the A. Patent Application No(s). 2001 AWONDAF1 00000017 29129177 40.00 (IF) Additional numbers 5. Name and address of party to whom correspondence concerning document should be mailed: Name: LOWE HAUPTMAN GILMAN & BERNER Internal Address:	B. Patent No(s). attached? Yes X No 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41)
If the document is being filed together with a new application, the example of the A. Patent Application No(s). 2001 AWONDAF1 00000017 29129177 581 Additional numbers 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 310 City: Alexandria State: VA ZIP: 22314	B. Patent No(s). attached? Yes X No 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41)

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office 1-31-92 **DOCKET NO.: 2336-051 DES** To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereto: 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): Seung Wan ROH Name: SAMSUNG ELECTRO-MECHANICS CO., TLD Internal Address: Additional name(s) of conveying party(ies) attached? 3. Nature of conveyance: Street Address: 314 Maetan-dong, Paldal-ku, Suwon-si X Assignment Merger Security Agreement Change of Name State or Area: City: Kyungki-do Other Country: Republic of Korea Zip/Postal Code: Additional name(s) & address(es) attached? Execution Date: September 1, 2000 4. Application number(s) or patent number(s): If the document is being filed together with a new application, the execution date of the application is: September 11, 2000 B. Patent No(s). A. Patent Application No(s). Additional numbers attached? 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: one concerning document should be mailed: Name: \$40.00 7. Total fee (37 CFR 3.41) LOWE HAUPTMAN GOPSTEIN **GILMAN & BERNER** Internal Address: ☐ Authorized to be charged to deposit account 8. Deposit account number: 07-1337 Street Address: 1700 Diagonal Road, Suite 310 State: VA ZIP: 22314 City: Alexandria 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. Benjamin J. Hauptman Reg. No. 29 September 11, 2000 Date Total number of pages comprising cover sheet: I

40.00 OP

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) SEUNG WAN ROH	(4)
(2)	(5)
(3)	(6)
who have made a certain new transfer unto	and useful invention, hereby sell, assign and
SAMSUNG ELECTRO-MECHAN	IICS CO., LTD.
314 Maetan-dong, Paldal-ku, Su	uwon-si
Kyungki-do, Republic of Korea	
•	
	United States Letters Patent was filed on d by United States Serial No;
(b) for which an application for	United States Letters Patent was executed on
Commissioner of Patents and T	thorize and request the United States rademarks to issue any and all United States ranted 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;

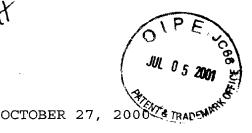
AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, 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

September /, 2000





PTAS

LOWE HAUPTMAN GOPSTEIN, ET AL. BENJAMIN J. HAUPTMAN 1700 DIAGONAL ROAD, SUITE 310

ALEXANDRIA, VA 22314

UNITED STATES DEPARTMENT OF COMMERCE Patent and Trademark Office

⊇336-८⋸

ASSISTANT SECRETARY AND COMMISSIONER OF PATENTS AND TRADEMARKS Washington, D.C. 20231



UNITED STATES PATENT AND TRADEMARK OFFICE NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 09/11/2000

REEL/FRAME: 011057/0482

NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:

ROH, SEUNG WAN

DOC DATE: 09/01/2000

ASSIGNEE:

SAMSUNG ELECTRO-MECHANICS CO.,

TLD.

314 MAETAN-DONG, PALDAL-KU, SUWON-

KYUNGKI-DO, REPUBLIC OF KOREA

SERIAL NUMBER: 29129177

PATENT NUMBER:

FILING DATE: 09/11/2000

ISSUE DATE:

JEEVON JONES, EXAMINER ASSIGNMENT DIVISION OFFICE OF PUBLIC RECORDS

RECORDED: 07/05/2001

MOV O o Sulud

Love Hauptman, Gopstein & Berni