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100756396

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

09/105589  
06/26/98

To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): **Tae Hum Yang; Young Dong Joo; Joo Young Kim; Jong Bae Jeong; Jong Seuk Lee**

2. Name and address of receiving party(ies):  
Name: **Hyundai Electronics Industries Co.,**  
Internal Address: \_\_\_\_\_

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

3. Nature of Conveyance: **6-26-98**  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_

Street Address: **San 136-1, Ami-Ri, Bubal-Eub, Ichon-Shi**  
City: **Kyoungki-Do** State: **467-** ZIP: **Korea**

Execution Date: **06/16/98** Additional name(s) & address(es) attached?  No  Yes

4. Application number(s) or patent number(s): **09/105,589**  
If this document is being filed together with a new application, the execution date of the application is: **06/16/98**  
A. Patent Application No.(s) \_\_\_\_\_ B. Patent No.(s) \_\_\_\_\_

Additional numbers attached? \_\_\_\_\_

5. Name and address of party to whom correspondence concerning document should be mailed:  
Name: **Blakely, Sokoloff, Taylor & Zafman**  
Internal Address: \_\_\_\_\_  
Street Address: **12400 Wilshire Boulevard, 7th Floor**  
City: **Los Angeles** State: **CA** ZIP: **90025**

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: **02-2666**  
(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.  
*To the best of my knowledge and belief, the foregoing is true and correct and any attached copy is a true copy of the original document.*

**Eric S. Hyman, Reg. No. 30,139**  
Name of Person Signing

*[Signature]*  
Signature

**07/29/98**  
Date

Total number of pages including cover sheet, attachments, and document: **3**

Mail documents to be recorded with required cover sheet information to:  
Assistant Commissioner of Patents, Box Assignments  
Washington, D.C. 20231

Attorney Docket No. **51876.P115**  
(5/27/97)

PATENT  
REEL: 9281 FRAME: 0605

ASSIGNMENT

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

- (1) TAE HUM YANG (4) JONG BAE JEONG
(2) YOUNG DONG JOO (5) JONG SEUK LEE
(3) JOO YOUNG KIM (6)

who have made a certain new and useful invention, hereby sell, assign and transfer unto HYUNDAI ELECTRONICS INDUSTRIES CO., LTD., a corporation organized under the laws of the Republic of Korea, located at SAN 136-1, AMI-RI, BUBAL-EUB, ICHON-SHI, KYOUNGKI-DO, 467-860, 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 A METHOD FOR PROGRAMMING AND ERASING A MEMORY CELL OF A FLASH MEMORY DEVICE

- (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 June 16, 1998

and the undersigned hereby authorize and request the United States Commissioner of Patent and Trademarks to issue any and all United States Letters Patents which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals or continuations 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 of the dates indicated aside our signatures:

INVENTORS DATE SIGNED
1) [Signature] June 16, 1998
Name: TAE HUM YANG
2) [Signature] June 16, 1998
Name: YOUNG DONG JOO
3) [Signature] June 16, 1998
Name: JOO YOUNG KIM
4) [Signature]
Name: JONG BAE JEONG
5) [Signature] June 16, 1998
Name: JONG SEUK LEE
6)
Name: