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

1. Name of conveying party(ies):
   CHANG, Hwan-suk
   MOON, Hong-bae

2. Name and address of receiving party(ies):
   Name: Samsung Electronics Co., Ltd.
   Address: 416, Maetan-dong, Paldal-ku,
   City: Suwon-city, Kyungki-do, State/Prov.:
   Country: Republic of Korea

3. Nature of conveyance:
   - Assignment
   - Security Agreement
   - Other
   Execution Date: May 18, 1998

4. Application number(s) or registration numbers(s):
   If this document is being filed together with a new application, the execution date of the application is: May 18, 1998

5. Name and address of party to whom correspondence concerning document should be mailed:
   Name: RAYMOND C. JONES
   Registration No. 34.631
   Address: JONES & VOLENTINE, L.L.P.
   12200 SUNRISE VALLEY DRIVE, SUITE 150
   City: RESTON State/Prov.: VA
   Country: U.S.A. ZIP: 20191

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) $ 40.00
   Enclosed - Any excess or insufficiency should be credited or debited to deposit account
   Authorized to be charged to deposit account

8. Deposit account number:
   50-0238

   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.

   RAYMOND C. JONES
   Name of Person Signing
   Signature
   MAY 26, 1998

   Total number of pages including covers, sheet, attachments: 195
ASSIGNMENT

In consideration of the sum of One Dollar ($1.00) and other good and valuable consideration paid to each of the undersigned

Hwan-suk CHANG

Hong-bae MOON

and

the undersigned hereby sell(s) and assign(s) to

SAMSUNG ELECTRONICS CO., LTD.

of 416, Maetaon-dong, Paldal-ku, Suwon-city, Kyungki-do, Republic of Korea

(hereinafter designated as the Assignee) the entire right, title and interest for the United States as defined in 35 USC 100, in the invention known as

METHOD FOR MONITORING DEFECTS OF SEMICONDUCTOR DEVICE

for which an application for patent in the United States of America has been executed by the undersigned on May 18, 1976

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 continuation, division or reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

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

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) 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.
The undersigned hereby grant(s) to Raymond C. Jones, Reg. No. 34,631 and Adam C. Volentine, Reg. No. 33,289, members of the firm of JONES & VOLENTINE, L.L.P. the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recodernation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date 1998-6-18, Name of Inventor Hwan-suk CHANG
Date 1998-5-18, Name of Inventor HONG-BAE MOON
Date __________________, Name of Inventor ____________________________
Date __________________, Name of Inventor ____________________________
Date __________________, Name of Inventor ____________________________

(Note regarding Witnessing and/or Acknowledgment: Acknowledgment before a United States Consul is preferred but not required. If not acknowledged, then it is recommended that the execution by the Inventor(s) be witnessed by at least two witnesses who sign here. However, the current practice of the U.S. Patent and Trademark Office is to record an Assignment even if it has not been acknowledged and/or witnessed.)

Witness ____________________________________________________________
Witness ____________________________________________________________

ACKNOWLEDGMENT

This __________________ day of ____________________________, 19____, before me personally came the above-named ____________________________

______________________________

______________________________

______________________________

to me personally known as the individual(s) who executed the foregoing assignment, who did acknowledge to me that he (they) executed the same of his (their) own free will for the purposes therein set forth.

SEAL

Official Signature

Official Title

Applicant Reference No.: SS-10154-US
Attorney Docket No.: SEC.396

PATENT
RECORDED: 05/26/1998
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