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PATENT APPLICATION
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1998 007 Samsung Ref. 1919-1
Yoon & Lee Ref. SS9USI012
OPR/FINANCE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

MAD 10.1.98

In re patent application of: **Ja-hyun KOO, Jong-bok TCHO, Hyun-seop SHIM,
and Jeong-ho BANG**

Serial No. 09/107,947

Filed: June 30, 1998

For: **A TEST METHOD OF HIGH SPEED MEMORY DEVICES IN WHICH LIMIT
CONDICTIONS FOR THE CLOCK SIGNALS ARE DEFINED**

Box Assignment
Commissioner of Patents and Trademarks
Washington, D.C. 20231

ASSIGNMENT TRANSMITTAL COVER SHEET

Please record the attached original document or copy thereof and return the recorded instrument to the undersigned.

- 1. Name of party conveying an interest: (1) **Ja-hyun KOO**
(2) **Jong-bok TCHO**
(3) **Hyun-seop SHIM**
(4) **Jeong-ho BANG**
- 2. Name and address of party(ies) receiving an interest: Samsung Electronics Co., Ltd.
416 Maetan-Dong, Palkal-Ku
Suwon-City, Kyungki-Do
Republic of Korea

3. Description of the interest conveyed:

Assignment Change of Name Security Agreement Merger Other:

- Date of execution of attached document: (1) **August 29, 1998**
(2) **September 23, 1998**
(3) **September 23, 1998**
(4) **September 25, 1998**

4. Application number(s) or patent number(s). Additional sheet attached? Yes No

40E

If this document is being filed together with a new application, the execution date of the application is.

A. Patent Application No. 09/107,947

B. Patent No.

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

Alan T. McCollom
MARGER, JOHNSON, & McCOLLOM, P.C.
1030 S.W. Morrison Street
Portland, Oregon 97205
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6. Number of applications and patents involved: 1
7. Enclosed is our check for \$40.00 (check no. 02).
8. Any deficiency or overpayment should be charged or credited to deposit account number 13-1703.
9. 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.

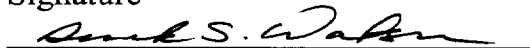
I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Box Assignment, Commissioner of Patents and Trademarks, Washington D.C. 20231, on September 28, 1998

Respectfully submitted,



Alan T. McCollom
Reg. No. 28,881

Signature



Derek S. Watson

Total number of pages comprising
cover sheet and attached assignment: 4

MARGER, JOHNSON,
& McCOLLOM P.C.
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ASSIGNMENT

U.S.A. Patent Application
Sole or Joint
For Inventions Made Outside U.S.A.
Executed With Application

In consideration of the sum of Ten Dollars (10.00) and other good and valuable considerations paid to each of the undersigned, to wit:

- (1) **Ja-hyun KOO**
- (2) **Jong-bok TCHO**
- (3) **Hyun-seop SHIM**
- (4) **Jeong-ho BANG**

If continued on separate page

the receipt and sufficiency of which are hereby acknowledged by the undersigned who hereby sell(s), assign(s) and transfer(s) unto:

SAMSUNG ELECTRONICS CO., LTD.
416 MAETAN-DONG, PALDAL-KU
SUWON-CITY, KYUNGKI-DO
REPUBLIC OF KOREA

(hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States Of America as defined in 35 U.S.C. §100, in and to the invention known as:

**A TEST METHOD FOR HIGH SPEED MEMORY DEVICES IN WHICH
LIMIT CONDITIONS FOR THE CLOCK ARE DEFINED**

for which an application for Letters Patent of the United States of America was filed on June 30, 1998, Serial No. 09/107,947 has been executed herewith by the undersigned, and in and to any and all divisionals, continuations, substitutes, and reissues thereof; and all resulting patents and the undersigned hereby authorizes and requests the United States Assistant Commissioner of Patents to issue said Letters Patent to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agrees that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

And the undersigned hereby agrees to testify and execute any papers for ASSIGNEE, its successors, assigns and legal representatives, deemed essential by ASSIGNEE to ASSIGNEE'S full protection and title in and to the invention hereby transferred.

Please sign
concurrently
with Oath or Declaration
and Power of Attorney

SIGNED ON THE DATE(S) INDICATED BESIDE MY/OUR SIGNATURE(S):

<u>INVENTOR(S)</u>	<u>DATE SIGNED</u>	<u>WITNESSED</u>
(1) <u>Ja-hyun Koo</u> Ja-hyun KOO	<u>19 AUG 1998</u>	_____
(2) <u>Jong-bok Tcho</u> Jong-bok TCHO	<u>21-Sep-98</u>	_____
(3) <u>Hyun-seop Shim</u> Hyun-seop SHIM	<u>23-Sep-98</u>	_____
(4) <u>Jeong-ho Bang</u> Jeong-ho BANG	<u>25-Sep-98</u>	_____

FOR ADDITIONAL INVENTORS, "X" BOX [] AND CONTINUE ON SEC- 2.005

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