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PATENT APPLICATION

Atty's Do. No.4591-82 Hana ReF. No.: ID9073-US

### IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In repatent application of: Suk-Chun KWON

Serial No.

Filed herewith

Filed:

August 11, 1999

For:

FLASH MEMORY DEVICE USED AS BOOT-UP MEMORY IN A COMPUTER

SYSTEM

map

Box Assignment

8-11-99

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) **Suk-Chun KWON**
- Name and address of party(ies) receiving an interest: Samsung Electronics Co., Ltd. 2.

09/372,345

416 Maetan-Dong, Palkal-Ku Suwon-City, Kyungki-Do Republic of Korea

Description of the interest conveyed: 3.

x Assignment \_\_ Change of Name \_\_ Security Agreement Merger

Date of execution of attached document:

(1) August 4, 1999

- 4. Application number(s) or patent number(s). Additional sheet attached? Yes No x If this document is being filed together with a new application, the execution date of the application is.
  - A. Patent Application No. Filed herewith

B. Patent No.

1

REEL: 010167 FRAME: 0812

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 Telephone: (503) 222-3613

- 6. Number of applications and patents involved: 1
- 7. Enclosed is our check for \$40.00 (check no. 028164).
- 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 <u>August 11</u>, 1999.

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. 1030 S.W. Morrison Street Portland, Oregon 97205 (503) 222-3613 PATENT APPLICATION
Atty's Do. No. 4591-82
Korean Priority Document No.: 98-32514 and 99-27255

Hana Ref. No.: ID9073-US

#### 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) Suk-Chun KWON

[] X 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. §1.00, in and to the invention known as:

# FLASH MEMORY DEVICE CAPABLE OF BEING EMPLOYED IN A COMPUTER SYSTEM AS A BOOT-UP MEMORY

for which an application for Letters Patent of the United States of America has been executed even date 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.

PATENT REEL: 010167 FRAME: 0814 Please sign concurrently with Oath or Declaration and Power of Attorney

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

INVENTOR(S)

DATE SIGNED

WITNESSED

Suk-Chun KWON

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

PLEASE RETURN RECORDED ASSIGNMENT TO:

Alan T. McCollom Marger Johnson & McCollom 1030 S.W. Morrison Street Portland, OR 97205

> PATENT REEL: 010167 FRAME: 0815