U.S. DEPARTMENT OF COMMERCE

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2001 Staas & Halsey LLP To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. Name of conveying party(ies): Ki-ju LEE 2. Name and Address of receiving party(ies): SAMSUNG ELECTRONICS CO., LTD. 416, Maetan-dong, Yeongtong-gu, Suwon City, Kyungki-do Republic of Korea 3. Nature of conveyance: <u>X</u> Assignment Merger Security Agreement Change of Name Other: Execution Date(s): November 17, 2003 Application number(s) or patent number(s): 4. This document is being filed together with a new application The execution date(s) of the application is/are: November 17, 2003 (a) The title is: FLASH MEMORY SYSTEM INCLUDING A DUPLICATE BOOTING PROGRAM AND (b) APPARATUS AND METHOD FOR PROTECTING THE SAME FLASH MEMORY OR This document is being filed after filing of the application: (a) Patent Application No(s). \_\_/\_\_\_, filed \_ (b) . issued Patent No(s). 5. Name and address of party to whom correspondence concerning document should be mailed: STAAS & HALSEY LLP Our Docket: 1793.1087 Attention: Michael D. Stein 1201 New York Ave., N.W., Suite 700 Washington, D.C. 20005 6. Total number of applications and patents involved: \_\_1 7. Total fee (37 CFR 3.41)..... (\$ 40.00 per Assignment) **Enclosed** <u>X</u> Authorized to be charged to deposit account. 8. Deposit Account No.: 19-3935 (Any underpayment is authorized to be charged to this Deposit Account) (Attach duplicate copy of this page if paying by deposit account) 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. Michael D. Stein, Reg. No. 37,240 Name of Person Signing Total number of pages including cover sheet: 2 DO NOT USE THIS SPACE /01/2003 HTECKLU1 00000004 10720078 40.00 OP FC:8021

**PATENT** 

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## U.S. ASSIGNMENT

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IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(e) (horsinafter, "ASSIGNOR") by

SAMSUNG ELECTRONICS CO., LTD 416 Maetan-dong, Paldai-gu, Suwon-city, Kyungki-do, Republic of Korea

(hereinafter, "ASSIGNEE"), the receipt of which is transfers to AGSIGNEE the entire and exclusive rig (Title of invention) FLASH MPMORY SYSTEM INCLUDING A DUP PROTECTING THE SAME PLASH MEMORY	this and interest to the inversional RECEINGRAN	ntion entitled
relating to international Patent Application PCT/JP was executed on even date herewith or, if not so e		ich application for Letters Patent of the United State:
(a) executed on 17/11/2003		ution of application, if not concurrent)
(h) filed on	Avenue, N.W., Suito	nny of STAAS & HAI SFY II P. 1201 Naw York 700 Washington, D.C. 20005 (202/434-1500) is a lasort in (b) the specified data, when known.
Serial No		·
granted and including any extensions thereof (collections). When request to do all acts which the ASSIGNEE may deem need said invention, including in the preparation and prointerrence, reissue, reexamination, or public use declared in relation to same, such acts to include the doctorelions, taking all rightful caths, providing swell WITNESS WHEREOF, the undersigned inventions.	ed by said ASSIGNFF and with eccary, decirable or expedient, i asscution of said application(s) proceeding, and in any litigatio but not be limited to executing a orn testimony, and obtaining an	nout charge to but at the expense of said ASSIGNEF for cocuring, maintaining and enforcing protoction fo and the Issuance of said Letiers Palent(5), in any on or other legal proceeding which may arise or bo it papers, including separate assignments and ad producing evidence.
( I ypod Namo & Signature of Inventor(s))	(Dale)	(Typed Name & Signature of Wilness(es))
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