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U.S. DE	PARTMEN	IT OF (COMMI	ERCE
ted States	Patent ar	nd Trad	emark	Office

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below Name of conveying party(ies)/Execution Date(s): |2. Name and address of receiving party(ies) Name: Samsung Electronics Co., Ltd. 1. Mun-Ho BAE 2. Moon-Heui LEE Internal Address: Street Address: 416 Maetan-dong, Yeongtong-gu Execution Date(s) March 30, 2006 Yes / No Additional name(s) of conveying party(ies) attached? 3. Nature of conveyance: City: Suwon-si, Gyeonggi-do ✓ Assignment Merger Security Agreement Change of Name Government Interest Assignment Country: Korea Executive Order 9424, Confirmatory License Other Additional name(s) & address(es) attached? Yes V No 4. Application or patent number(s): This document is being filed together with a new application. A. Patent Application No.(s) B. Patent No.(s) Additional numbers attached? Yes INo 5. Name and address to whom correspondence 6. Total number of applications and patents concerning document should be mailed: involved: Name: Roylance, Abrams, Berdo & Goodman, L.L.P. **7. Total fee** (37 CFR 1.21(h) & 3.41) \$ 40.00 Internal Address: Authorized to be charged by credit card Authorized to be charged to deposit account Street Address: 1300 19th Street, N.W. Suite 600 None required (government interest not affecting title) City: Washington 8. Payment Information Zip: 20036 State: D.C. a. Credit Card Last 4 Numbers __ Expiration Date Phone Number: (202) 659-9076 b. Deposit Account Number Fax Number: (202) 659-9344 Authorized User Name Email Address: 9. Signature: April 3, 2006 Stanislav Torgovitsky, Reg. No. 43,958 Total number of pages including cover sheet, attachments, and documents: Name of Person Signing

> Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

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PATENT REEL: 017752 FRAME: 0554

ASSIGNMENT

WHEREAS, We, (1) Mun-Ho BAE; and (2) Moon-Heui LEE, both citizens of the Republic of Korea, residing respectively at (1) #101-1307, Hansol APT., 38, Songjeong-dong, Gumi-si, Gyeongsangbuk-do, Republic of Korea; and (2) #202-507, Geumbong Town, 118, Hwangsang-dong, Gumi-si, Gyeongsangbuk-do, Republic of Korea (hereinafter ASSIGNORS), have made a certain invention entitled "METHOD FOR PREVENTING SECURITY BARCODE FROM BEING REPRODUCED IN MOBILE TERMINAL AND MOBILE TERMINAL IMPLEMENTING THE SAME" for which we are making application for Letters Patent of the United States, which application is being executed concurrently herewith; and

WHEREAS, Samsung Electronics Co., Ltd., a corporation duly organized under the laws of the Republic of Korea, located and doing business at 416, Mactan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea (hereinafter ASSIGNEE), is desirous of acquiring the entire right, title and interest in and to the aforementioned invention and the aforementioned application and any and all United States Letters Patent to be obtained on said invention and/or application;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN:

BE IT KNOWN that for good and valuable consideration paid to us by said ASSIGNEE, the receipt and sufficiency of which is hereby acknowledged, we, the ASSIGNORS, by these presents do hereby sell, assign, set over and transfer unto the said ASSIGNEE, its successors, legal representatives or assigns, the entire right, title and interest in and to the aforesaid invention in and for the United States; and in, to and under the aforesaid United States application and any divisional, continuing, substitute or reissuc applications or supplementary disclosures which may be filed on said invention in the United States; and our right to file said applications and claim priority under the provisions of any international treaty or convention; and in and to any Letters Patent of the United States issued or granted on said invention and/or said applications;

AND WE HEREBY authorize and request the U.S. Patent and Trademark Office or other issuing authority to issue any and all patents on said invention and/or said applications to said ASSIGNEE as sole assignee;

AND WE HEREBY covenant that we have the full right to convey the entire right, title and interest herein assigned and that we have not executed and will not execute any assignment or other instrument in conflict herewith;

AND WE HEREBY further covenant and agree to communicate to said ASSIGNEE, or its legal representatives, successors or assigns, any facts relating to said invention, including evidence for interference purposes or other proceedings, whenever requested, and to testify in any interference or in any other legal proceeding, when requested, and to execute and deliver on request all lawful papers required to make any of the foregoing provisions effective; and to perform the aforesaid communicating, executing and delivering, without any payment except expenses and to perform the aforesaid testifying for reasonable compensation; and generally to do everything possible to aid the said ASSIGNEE, its successors, legal representatives or assigns to obtain and enforce proper patent protection on and for said invention in the United States, and likewise we make these provisions binding upon our heirs, legal representatives and/or administrators.

The undersigned hereby grant the firm of Roylance, Abrams, Berdo & Goodman, 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 and Trademark Office for recordation of this document.

ASSIGNMENT

PATENT REEL: 017752 FRAME: 0555

IN WITNESS WHEREOF, I have hereur March, Soul	nder set my hand and seal this day of
	Mun-Ho BAB
Witness	(1) Mun-Ho BAE
IN WITNESS WHEREOF, I have hereun march, Look	nder set my hand and seal this <u>ろっ</u> day of
	Moon-Heus LEE (2) Moon-Heui LEE

Witness

RECORDED: 04/03/2006

PATENT

REEL: 017752 FRAME: 0556