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,) ,) ,	Form PTO-1595 RE (Rev. 10/02) OMB No. 0651-0027 (exp. 6/30/2005) Tab settings ⇔ ⇔ ▼ 1,0297	U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office	
	To the Hangrable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof		
	Name of conveying party(ies): Shin-Dong Ryu	2. Name and address of receiving party(ies) Name:Samsung Electronics Co., Ltd.	
	Additional name(s) of conveying party(ies) attached? Yes No 3. Nature of conveyance: Assignment Merger		
	Security Agreement Change of Name Other	Street Address:416, Maetan-dong, Yeongtong-gu Suwon-si, Gyeonggi-do	
	Execution Date: March 10, 2005	City:State:_KOREA_Zip: Additional name(s) & address(es) attached?	
 Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: Mar. 10, 		Mar 10 2005	
	If this document is being filed together with a new application No.(s)	B. Patent No.(s)	
Yes		 ached?Yes ☑ No	
		6. Total number of applications and patents involved: 1	
	Name: John E. Holmes	7. Total fee (37 CFR 3.41)\$ 40.00	
	Internal Address:	✓ Enclosed	
	Roylance, Abrams, Berdo & Goodman, LLP	Authorized to be charged to deposit account	
	Street Address: 1300 19th Street, N.W., Suite 600	8. Deposit account number: 18-2220	
	City: Washington State: DC Zip: 20036	(Attach duplicate copy of this page if paying by deposit account)	
DO NOT USE THIS SPACE			
	9. Statement and signature.		

Total number of pages including cover sheet, attachments, and documents:

Mail documents to be recorded with required cover sheet information to:

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy

Commissioner of Patents & Trademarks, Box Assignments

Signature

Washington, D.C. 20231

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is a true copy of the original document. Peter L. Kendall (Reg. No. 46,246)

Name of Person Signing

PATENT REEL: 016441 FRAME: 0950

March 30, 2005

Date

<u>ASSIGNMENT</u>

WHEREAS, I(we) Shin-Dong RYU a citizen of the Republic of Korea, residing at #101-1103, Hanbat Garden APT., Sanseong-dong, Jung-gu, Daejeon, Republic of Korea (hereinafter ASSIGNORS), have made a certain invention entitled

APPARATUS AND METHOD FOR INPUTTING CHARACTERS IN A MOBILE COMMUNICATION TERMINAL

for which we are making application for Letters Patent of the United States, which application has been 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, Maetan-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 in and for the United States, in and to the aforementioned application, and in and to 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; in and to the aforesaid United States application and any divisional, continuing, substitute or reissue applications or supplementary disclosures which may be filed on said invention in the United States, including our right to file said applications and claim priority under the provisions of any international treaty or convention; and 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 to issue any and all patents on said invention and/or said application 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.

PATENT REEL: 016441 FRAME: 0951

IN WITNESS WHEREOF, I have herei	under set my hand and seal this day of
<u>March</u> , <u>2005</u>	
	Shin-Dong RYU
	(1) Shin-Dong RYU
Dom-Wook KWON	
Witness	

RECORDED: 03/30/2005

PATENT REEL: 016441 FRAME: 0952