08-24-1998 Form PTO-1595 U.S DEPARTMENT OF COMMERCE 1-31-92 Patent and Trademark Office 100797184 To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof. Name of conveying party(ies): 2. Name and address of receiving party(ies)? Jin-chul LEE, Chae-hee WON and Je-hyoung LEE Name: SAMSUNG ELECTRONICS CO., LTD. Internal Address: Additional name(s) of conveying party(ies) attached? 416, Maetan-dong, Paldal-gu, Suwon-city, Kyungki-do, Republic __ yes <u>___x</u> no of Korea Street Address: Same as above 3. Nature of Conveyance: City State Zip x Assignment Merger Additional name(s) & address(es) attached? Security Agreement ____ Change of Name ____ yes ___<u>x</u> no Other Execution Date: April 1, 1998 4. 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: A. Patent Application No.(s) B. Patent No(s). 09/037,877 Additional numbers attached? Yes __x No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: One (1) SUGHRUE, MION, ZINN, MACPEAK & SEAS 2100 Pennsylvania Avenue, N.W. Suite 800 7. Total Fee (37 CFR 3.41): 40.00 x Enclosed. Please charge any underpayment in Washington, D.C. 20037-3202 connection with this Assignment to Deposit Account No. 19-4880. __ Authorized to be charged to Deposit Account 8. Deposit Account No. (Attach dupl. copy of this page if paying by Deposit Account) DO NOT WRITE IN THIS SPACE 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 08/19/1998 KHARLING 00000060 09037877 TOTAL NUMBER OF PAGES INCLUDING COVER SHEET, ATTACHMENTS AND DOCUMENT:_ 04 F(1:5848 No. 0651-0011 (exp. 4/9440).00 ()P Do not detach this portion Mail documents to be recorded with required cover sheet information to: Commissioner of Patents and Trademarks

Box Assignments Washington, D.C. 20231

ASSIGNMENT

Whereas I/We, Jin-chul Lee, Chae-hee Won and Je-hyoung Lee of 1063-11, Hoge-dong, Dongan-gu, Anyang-city, Kyungki-do, Rep. of Korea, 9-601, Kepo 4-cha Woosung Apt., Dogok-dong, Kangnam-gu, Seoul, Rep. of Korea and 9-601, Samic Apt., 14, Shingal-ri, Kiheung-eub, Yongin-city, Kyungki-do, Rep. of Korea. hereinafter called assignor(s), have invented certain improvements in

PORTABLE INFORMATION TERMINAL CAPABLE OF RENEWING PROGRAM USING PC CARD AND METHOD FOR RENEWING PROGRAM

and executed an application for Letters Patent of the United States of America therefor on

April 1, 1998 ; and

Whereas, Samsung Electronics Co., Ltd. of 416, Maetan-dong, Paldal-gu, Suwon-city, Kyungki-do, Republic of Korea

(assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor:

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged. I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U.S.C. §119, and I/we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute without any further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

I/We authorize and request my/our attorneys SUGHRUE, MION, ZINN, MACPEAK & SEAS of 2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037-3202 to insert here in parentheses (Application number <u>09/037,877</u>, filed <u>March 10, 1998</u>) the filing date and application number of said application when known.

Date: April 1, 1	998/ Trobal la	
Date: April 1, 19	98s/	
Date: April 1, 1	998/_ see Tae Hymy.	
Date:	s/	
Date:	s/	
Date:	s/	

(Notarization not required for recording but is prima facie evidence of execution under $35\,\mathrm{U.S.C.}$ §261)

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