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To the Honorable Commissioner of Patents and Trademarks. Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):  
Sung-hoo HAN and Sang-ug KANGAdditional name(s) of conveying party(ies) attached:  
\_\_\_ yes \_\_\_ x no

3. Nature of Conveyance:

☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other

Execution Date: November 19, 1999

2. Name and address of receiving party(ies)?

Name:  
SAMSUNG ELECTRONICS CO., LTD.  
Internal Address:  
416, Maetan-dong, Paldal-gu, Suwon-city, Kyungki-do, Republic  
of Korea  
Street Address:  
Same as above

City State Zip

Additional name(s) & address(es) attached?  
\_\_\_ yes \_\_\_ x no

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)

09/431,170

B. Patent No(s).

Additional numbers attached? \_\_\_ Yes \_\_\_ x No

5. Name and address of party to whom correspondence  
concerning document should be mailed:SUGHRUE, MION, ZINN, MACPEAK & SEAS  
2100 Pennsylvania Avenue, N.W.  
Suite 800  
Washington, D.C. 20037-32026. Total number of applications and patents involved:  
One (1)7. Total Fee (37 CFR 3.41): \$ 40.00  
\_\_\_ x Enclosed. Please charge any underpayment in  
connection with this Assignment to Deposit Account No. 19-  
4880.

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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.*Darryl Mexic*

Name Darryl Mexic Reg. No. 23,063

February 10, 2000  
Date

TOTAL NUMBER OF PAGES INCLUDING COVER SHEET, ATTACHMENTS AND DOCUMENT: 2

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Washington, D.C. 20231

03/21/2000 DMGUYEN 00000049 09431170

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PATENT  
REEL: 010615 FRAME: 0814

# ASSIGNMENT

Whereas, I/We, Sung-hoo Han and Sang-ug Kang of 816-405  
Hanshin Apt., 973-3 Youngtong-dong, Paldal-gu, Suwon-city,  
Kyungki-do, Rep. of Korea and 202-1405 Yucheon Apt., 180  
Keumkok-dong, Pundang-gu, Sungnam-city, Kyungki-do, Rep. of Korea

hereinafter called assignor(s), have invented certain improvements in  
METHOD FOR SETTING TIMER OF CELLULAR PHONE

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

19 November 1999 ; 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,

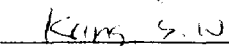
I/We the above-named assignor(s). hereby sell, assign and transfer to the above named  
assignee, its successors and assigns, the entire right, title and interest in the application and  
the invention disclosed therein for the United States of America, including the right to claim  
priority under 35 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 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 hereby authorize and request my attorneys SUGHRUE, MION, ZINN,  
MACPEAK & SEAS of 2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037-3202 to  
insert here in parentheses (Application number 09/431,170 , filed 1 November 1999  
the filing date and application number of said application when known.

Date: 19 November 1999

s/   
Sung-hoo Han

Date: 19 November 1999

s/   
Sang-ug Kang

Date: \_\_\_\_\_

s/ \_\_\_\_\_

Date: \_\_\_\_\_

s/ \_\_\_\_\_

Date: \_\_\_\_\_

s/ \_\_\_\_\_

(Legalization not required for recording but is prima facie evidence of execution under 35  
U.S.C. & 261)