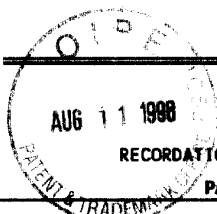


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3. Nature of Conveyance:

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Execution Date: April 1, 1998

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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 ☒ 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)

09/037,878

B. Patent No(s).

Additional numbers attached? ☐ Yes ☒ No5. Name and address of party to whom correspondence  
concerning document should be mailed:SUGHRUE, MION, ZINN, MACPEAK & SEAS  
2100 Pennsylvania Avenue, N.W.  
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Washington, D.C. 20037-32026. Total number of applications and patents involved:  
One (1)7. Total Fee (37 CFR 3.41): \$ 40.00  
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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  
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Name Darryl Mexic Reg. No. 23,063

August 11, 1998  
Date

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# ASSIGNMENT

Whereas, I/We, Yung-lyul Lee of 2-506, Keukdong Apt., 192, Karak-dong, Songpa-gu, Seoul, Republic of Korea

hereinafter called assignor(s), have invented certain improvements in  
ONE-DIMENSIONAL SIGNAL ADAPTIVE FILTER FOR REDUCING BLOCKING EFFECT AND  
FILTERING METHOD  
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 09/037,878, filed March 10, 1998) the filing date and application number of said application when known.

Date: April 1, 1998/ lee yung lyul

Date: s/ \_\_\_\_\_

Date : s/ \_\_\_\_\_

Date: s/ \_\_\_\_\_

Date: s/ \_\_\_\_\_

Date: s/ \_\_\_\_\_

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

S 92