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1. Name of conveying party(ies):  
So-young KIM  
Jeong-hoon PARK  
  
*09/30/02*  
Additional name(s) of conveying party(ies) attached?  Yes  No

2. Name and address of receiving party(ies):  
SAMSUNG ELECTRONICS CO., LTD  
416 Maetan-dong, Paldal-gu, Suwon-city, Kyungki-do, Republic of Korea

31011 U.S. PTO  
10/259548

3. Nature of conveyance:  
 Assignment  Merger  
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 Other

Execution Date: September 26, 2002

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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: September 26, 2002

A. Patent Application No.(s)  
*10/259548*  
Additional numbers attached?  Yes  No

B. Patent No.(s)  
Not Yet Assigned

5. Name and address of party to whom correspondence concerning document should be mailed:  
SUGHRUE MION, PLLC  
2100 Pennsylvania Avenue, N.W.  
Suite 800  
Washington, D.C. 20037-3213  
  
10/01/2002 DBYRNE 00000071 10259548  
01 Fee:581 40.00 OP

6. Total number of applications and patents involved:  
1  
7. Total fee (37 CFR 3.41): \$40.00  
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September 30, 2002  
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Total number of pages including cover sheet, attachments, and documents: 2  
Mail documents to be recorded with required cover sheet information to:  
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# Assignment

Whereas, I/We, So-young Kim and Jeong-hoon Park of  
(201) 1357-60 Seocho-dong, Seocho-gu, Seoul, Rep. of Korea and 110-1606 Donga  
Apt., Bongcheon 2-dong, Gwanak-gu, Seoul, Rep. of Korea.

hereinafter called assignor(s), have invented certain improvements in  
ADVANCED METHOD FOR RATE CONTROL AND APPARATUS THEREOF

and executed an application for Letters Patent of the United States of America therefor on  
26 September 2002; and

Whereas, SAMSUNG ELECTRONICS CO., LTD.  
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 and all countries foreign thereto, including rights of priority under the International Convention of Paris (1883) as amended, and I/we request the Director - U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we hereby agree that the assignee may apply for foreign Letters Patent on the invention and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States and foreign applications when called upon to do so by the assignee.

I/We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number \_\_\_\_\_ and Confirmation number \_\_\_\_\_, filed \_\_\_\_\_) the filing date and application number of said application when known.

Date: WMS 26 September 2002

s/ So-young Kim

Date: Jeong 26 September 2002

s/ Jeong-hoon Park

Date:

s/

Date:

s/

Date:

s/

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