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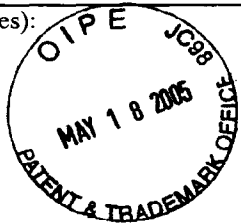
SHEET

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103007581

To the Director of the U.S. Patent and Trademark Office. Attached original documents or copy thereof.

1. Name of conveying party(ies):  
Yun-kwon PARK  
Jong-seok KIM  
In-sang SONG  
Duck-hwan KIM



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

Additional name(s) of conveying party(ies) attached?  Yes  No

3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other

Execution Date: May 6, 2005

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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:  
A. Patent Application No.(s)  
10/996,045  
B. Patent No.(s)  
Unknown  
Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:  
SUGHRUE MION, PLLC  
WASHINGTON OFFICE  
23373  
CUSTOMER NUMBER

6. Total number of applications and patents involved:  
1  
7. Total fee (37 CFR 3.41): \$40.00  
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*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 M. Xic *[Signature]* #41,574  
Reg. No. 23,063  
May 18, 2005  
Date

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## Assignment

Whereas, We, Yun-kwon PARK, Jong-seok KIM, In-sang SONG, and Duck-hwan KIM of Dongducheon-si, Republic of Korea, Taean-eub, Republic of Korea, Seoul, Republic of Korea, and Seoul, Republic of Korea, respectively, hereinafter called assignors, have invented certain improvements in RF DUPLEXER and executed an application for Letters Patent of the United States of America therefor on \_\_\_\_\_; and

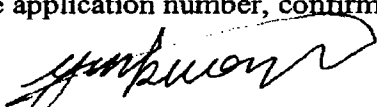
Whereas, SAMSUNG ELECTRONICS CO., LTD., 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea (assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

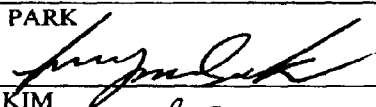
We, the above named assignors, hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U.S.C. §119, and we request the Director of the 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 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.

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 application number, confirmation number and filing date of said application when known.


Date: May 6, 2005

  
s/Yun-kwon PARK

Date: May 6, 2005

  
s/Jong-seok KIM

Date: May 6, 2005

  
s/ In-sang SONG

Date: May 6, 2005

  
s/Duck-hwan KIM

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