

11-16-2005

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original documents or copy thereof.

1. Name of conveying party(ies):

Jeong-sang LEE  
Sung-hyun CHUNG  
Jae-min AHN  
Min-joong RIM

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

SAMSUNG ELECTRONICS CO., LTD.  
416, Maetan-dong, Yeongtong-gu,  
Suwon-si, Gyeonggi-do,  
Republic of Korea

Alogics Co., Ltd  
250-2, Seohyeon-dong, Bundang-gu,  
Seongnam-si, Gyeonggi-do,  
Republic of Korea

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

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other

Execution Date: September 27, 2005

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: September 27, 2005

A. Patent Application No.(s)  
Not yet assigned

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.

Jeffrey Schmidt #41,574  
Daryl Mexic

Reg. No. 23,063

November 8, 2005

Date

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## Assignment

Whereas, We, LEE, Jeong-sang, and RIM, Min-joong of Seoul, Republic of Korea, respectively; CHUNG, Sung-hyun of Seongnam-si, Republic of Korea, AHN, Jae-min of Yongin-si, Republic of Korea, hereinafter called assignors, have invented certain improvements in

INTERLEAVING METHOD IN OFDM SYSTEM  
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 and ALOGICS CO., LTD., 250-2, Seohyeon-dong, Bundang-gu, Seongnam-si, Gyeonggi-do, Republic of Korea (assignees), desire 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 and filing date of said application when known.

Date: September 27, 2005

\_\_\_\_\_  
s/ LEE, Jeong-sang

Date:

\_\_\_\_\_  
s/ CHUNG, Sung-hyun

Date:

\_\_\_\_\_  
s/ AHN, Jae-min

Date:

\_\_\_\_\_  
s/ RIM, Min-joong

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

## Assignment

Whereas, We, LEE, Jeong-sang, and RIM, Min-joong of Seoul, Republic of Korea, respectively; CHUNG, Sung-hyun of Seongnam-si, Republic of Korea, AHN, Jae-min of Yongin-si, Republic of Korea, hereinafter called assignors, have invented certain improvements in

INTERLEAVING METHOD IN OFDM SYSTEM  
and executed an application for Letters Patent of the United States of America therefor on \_\_\_\_\_; and

Whereas, SAMSUNG ELECTRONICS CO., LTD., 416, Mactan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea and ALOGICS CO., LTD., 250-2, Seohyeon-dong, Bundang-gu, Seongnam-si, Gyeonggi-do, Republic of Korea (assignees), desire to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

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Date:

\_\_\_\_\_  
s/ LEE, Jeong-sang

Date:

September 27, 2005 *[Signature]*

\_\_\_\_\_  
s/ CHUNG, Sung-hyun

Date:

September 27, 2005 *[Signature]*

\_\_\_\_\_  
s/ AHN, Jae-min

Date:

September 27, 2005 *[Signature]*

\_\_\_\_\_  
s/ RIM, Min-joong

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