

06-09-2005



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OMB No. 0651-0027 (exp. 6/30/2005)

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Tab settings

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

06-03-05

1. Name of conveying party(ies):

1) Dong-Hee KIM 5) Jin-Weon CHANG
 2) Youn-Sun KIM 6) Beom-Sik BAE
 3) Jung-Soo JUNG 7) Jin-Kyu HAN
 4) Dae-Gyun KIM 8) Hwan-Joon KWON

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

2. Name and address of receiving party(ies)

Name: Samsung Electronics Co., Ltd.

Internal Address: _____

Street Address: 416, Maetan-dong, Yeongtong-gu

Suwon-si, Gyeonggi-do

City: _____ State: KOREA Zip: _____

Additional name(s) & address(es) attached? Yes No

113013 U.S. PTO 11/143593

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Date: JUNE 2, 2005

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: JUNE 2, 2005

A. Patent Application No.(s)
06/08/2005 SDIRETA1 00000036 11143593
01 FC:0021 40.00 OP

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: John E. Holmes

Internal Address: _____

Roylance, Abrams, Berdo & Goodman, LLP

Street Address: 1300 19th Street, N.W., Suite 600

City: Washington State: DC Zip: 20036

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$ 40.00

Enclosed
 Authorized to be charged to deposit account

8. Deposit account number:

18-2220

(Attach duplicate copy of this page if paying by deposit account)

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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.

Ronald S. Grubb (Reg. No. 48,672)

Ronald S. Grubb

JUNE 3, 2005

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and documents: 5

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

ASSIGNMENT

WHEREAS, I(we) (1) **Dong-Hee KIM** a citizen of the Republic of Korea, residing at #124-1903, Sinbongmaeul LG Xi 1-cha APT., 873, Sinbong-dong, Yongin-si, Gyeonggi-do, Republic of Korea (2) **Youn-Sun KIM** a citizen of the Republic of Korea, residing at #1008-1104, Mujigaemaoul Samsung APT., Gumi-dong, Bundang-gu, Seongnam-si, Gyeonggi-do, Republic of Korea (3) **Jung-Soo JUNG** a citizen of the Republic of Korea, residing at #2, 1st floor, 617-41, Jayang 1-dong, Gwangjin-gu, Seoul, Republic of Korea (4) **Dao-Gyun KIM** a citizen of the Republic of Korea, residing at #228-1703, Sibeom Woosong APT., Seohyeon-dong, Bundang-gu, Seongnam-si, Gyeonggi-do, Republic of Korea (5) **Jin-Weon CHANG** a citizen of the Republic of Korea, residing at #503, 1019-17, Yeongtong-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea (6) **Beom-Sik BAE** a citizen of the Republic of Korea, residing at #121-1102, Hwanggolmaeul Jugong APT., 955-1, Yeongtong-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea (7) **Jin-Kyu HAN** a citizen of the Republic of Korea, residing at #305, 984-6, Yeongtong-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea (8) **Hwan-Joon KWON** a citizen of the Republic of Korea, residing at #944-614, Byuckjeokgol 9-danji Lotte APT., Yeongtong-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea (hereinafter ASSIGNSORS), have made a certain invention entitled **APPARATUS AND METHOD FOR MULTIPLEXING PACKETS FOR BROADCAST SERVICES IN A MOBILE COMMUNICATION SYSTEM BASED ON ORTHOGONAL FREQUENCY DIVISION MULTIPLEXING**

for which we are making application for Letters Patent of the United States, which application has been executed concurrently herewith; and

WHEREAS, Samsung Electronics Co., Ltd., a corporation duly organized under the laws of the Republic of Korea, located and doing business at 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea (hereinafter ASSIGNEE), is desirous of acquiring the entire right, title and interest in and to the aforementioned invention in and for the United States, in and to the aforementioned application, and in and to any and all United States Letters Patent to be obtained on said invention and/or application;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN:

BE IT KNOWN that for good and valuable consideration paid to us by said ASSIGNEE, the receipt and sufficiency of which is hereby acknowledged, we, the ASSIGNSORS, by these presents do hereby sell, assign, set over and transfer unto the said ASSIGNEE, its successors, legal representatives or assigns, the entire right, title and interest in and to the aforesaid invention in and for the United States; in and to the aforesaid United States application and any divisional, continuing, substitute or reissue applications or supplementary disclosures which may be filed on said invention in the United States, including our right to file said applications and claim priority under the provisions of any international treaty or convention; and any Letters Patent of the United States issued or granted on said invention and/or said applications;

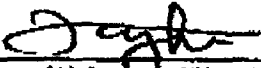
AND WE HEREBY authorize and request the U.S. Patent and Trademark Office to issue any and all patents on said invention and/or said application to said ASSIGNEE as sole assignee;

AND WE HEREBY covenant that we have the full right to convey the entire right, title and interest herein assigned and that we have not executed and will not execute any assignment or other instrument in conflict herewith;

AND WE HEREBY further covenant and agree to communicate to said ASSIGNEE, or its legal representatives, successors or assigns, any facts relating to said invention, including evidence for interference purposes or other proceedings, whenever requested, and to testify in any interference or in any other legal proceeding, when requested, and to execute and deliver

on request all lawful papers required to make any of the foregoing provisions effective; and to perform the aforesaid communicating, executing and delivering, without any payment except expenses and to perform the aforesaid testifying for reasonable compensation; and generally to do everything possible to aid the said ASSIGNEE, its successors, legal representatives or assigns to obtain and enforce proper patent protection on and for said invention in the United States, and likewise we make these provisions binding upon our heirs, legal representatives and/or administrators.

IN WITNESS WHEREOF, I have hereunder set my hand and seal this 2nd day of June, 2005

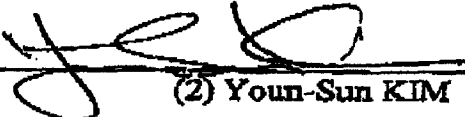


(1) Dong-Hee KIM

HAN JEA HUN

Witness

IN WITNESS WHEREOF, I have hereunder set my hand and seal this 2nd day of June, 2005

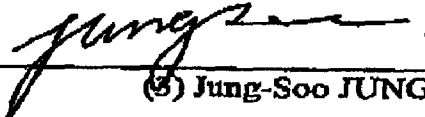


(2) Youn-Sun KIM

HAN JEA HUN

Witness

IN WITNESS WHEREOF, I have hereunder set my hand and seal this 2nd day of June, 2005



(3) Jung-Soo JUNG

HAN JEA HUN

Witness

IN WITNESS WHEREOF, I have hereunder set my hand and seal this 2nd day of June, 2005



(4) Dae-Gyun KIM

HAN JEA HUN

Witness

IN WITNESS WHEREOF, I have hereunder set my hand and seal this 2nd day of June, 2005

J. W. Chang

(5) Jin-Weon CHANG

HAN JEA HUN

Witness

IN WITNESS WHEREOF, I have hereunder set my hand and seal this 2nd day of June, 2005



(6) Beom-Sik BAE

HAN JEA HUN

Witness

IN WITNESS WHEREOF, I have hereunder set my hand and seal this 2nd day of June, 2005

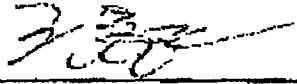
Han Jinkyu

(7) Jin-Kyu HAN

HAN JEA HUN

Witness

IN WITNESS WHEREOF, I have hereunder set my hand and seal this 2nd day of June, 2005



(S) Hwan-Joon KWON

HAN JEA HUN

Witness