



12-18-2006



Q91112

MODIFIED Form PTO-1595 (Rev. 10/02)

RECORD # 103350401

U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office

12/13/06

PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): Sang-min HAN Ji-yong PARK Tatsuo ITOH 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, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea THE REGENTS OF THE UNIVERSITY OF CALIFORNIA 1111 Franklin Street 12th Floor Oakland, California USA 94607-5200

3. Nature of conveyance: Assignment Merger Security Agreement Change of Name Other Execution Date: October 10, 2006

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) 11/442,267

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 Enclosed. Authorized to be charged to Deposit Account No. 19-4880. The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. 8. Deposit Account Number: 19-4880 (Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

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. [Signature] Reg. No. 23,063 December 13, 2006 Date

Total number of pages including cover sheet, attachments, and documents: 2 Mail documents to be recorded with required cover sheet information to: MAIL STOP ASSIGNMENT RECORDATION SERVICES Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450

12/15/2006 DBYRNE 00000122 11442267 01 FC:8021 40.00 (P)

Assignment

Whereas, I/We, Sang-min HAN; Ji-yong PARK; Tatsuo ITOH of , , , respectively, hereinafter called assignor(s), have invented certain improvements in A SELF-BIASED RECEIVER SYSTEM USING THE ACTIVE INTEGRATED ANTENNA and executed an application for Letters Patent of the United States of America therefor on _____; and

Whereas, SAMSUNG ELECTRONICS CO., LTD. _____

The Regents of the University of California, _____ (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 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 I/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.

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 11/442,267 and Confirmation number 1751, filed May 30, 2006) the application number and filing date of said application when known.

Date: _____ *Sang-min HAN* Oct. 10. 2006
s/Sang-min HAN

Date: _____ *Ji-yong PARK* Oct. 10. 2006
s/Ji-yong PARK

Date: _____ *Tatsuo ITOH* Oct. 10. 2006
s/Tatsuo ITOH

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