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Attorney Docket No. 5000-1-746

To the Assistant Commissioner for Patents

1. Name of conveying party(ies):

Seong-Taek HWANG; Jae-Hoon LEE; Young-Sik KIM;
Ji-Chai JEONG; Jung-Woo BAEK; Young-Je SUNG

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 12, 2005

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

Name: SAMSUNG ELECTRONICS CO., LTD.

Address: 416, MAETAN-DONG, YEONGTONG-GU

SUWON-SI, GYEONGGI-DO

REPUBLIC OF KOREA

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

U.S. PTO
11/230971



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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 12, 2005

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Steve Cha

Address: CHA & REITER
210 Route 4 East, Suite #103
Paramus, New Jersey 07652

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, if necessary - for overages or underpayments only

8. Deposit account number: 502-470
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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.

Steve Cha, Reg No. 44,069
Name of Person Signing

Signature

9/20/05
Date

Total number of pages including cover sheet, attachments, and document: 4

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(BDSM 8)
(9/94)

PATENT
REEL: 017024 FRAME: 0086

Assignment of Invention and Patent Application

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for and in consideration of TEN (\$10.00) DOLLAR,

- 1) Seong-Taek HWANG of
#102-303, Daerim APT., Dokgok-dong, Pyeongtaek-si, Gyeonggi-do, Republic of Korea
- 2) Jae-Hoon LEE of
#402, Hyundai Heights Villa, 112-2, Seongsan-dong, Mapo-gu, Seoul, Republic of Korea
- 3) Young-Sik KIM of
#103-103, Bomun APT., Bomun-dong, Seongbuk-gu, Seoul, Republic of Korea
- 4) Ji-Chai JEONG of
#101-1003, Seochodiamang, 1616-10, Seocho-dong, Seocho-gu, Seoul, Republic of Korea
- 5) Jung-Woo BAEK of
#207-605, Woosung APT., Sadang 2-dong, Dongjak-gu, Seoul, Republic of Korea
- 6) Young-Je SUNG of
#210-2502, Hyundai APT., Gaebong-dong, Guro-gu, Seoul, Republic of Korea

(hereinafter **Assignor**) hereby sells, assigns, transfers, and sets over unto:

SAMSUNG ELECTRONICS CO., LTD. of
416, MAETAN-DONG, YEONGTONG-GU, SUWON-SI, GYEONGGI-DO,
REPUBLIC OF KOREA

(hereinafter **Assignee**) the entire right, title and interest for the United States Of America as defined in 35 U.S.C. §1.00, in and to the invention entitled as:

"Wideband Monopole Antenna"

invented by **Assignor**; the application for United States patent therefor, invented by **Assignor**; any patent or reissues of any patent that may be granted thereon; and any applications which are continuations, continuation-in-part, substitutes, or divisions of said application. **Assignor** authorizes **Assignee** to enter the date of signature and/or Serial Number and Filing Date in the above. **Assignor** also authorizes and requests the Commissioner of Patents and Trademarks to issue any resulting patent(s) to the said **Assignee**, for its interests as **Assignee**, its successors, assigns and legal representatives. The undersigned agrees that the attorney of record in said application shall hereafter act on behalf of said **Assignee**; and **Assignor** further conveys to **Assignee** all priority rights resulting from the above-identified application for United States Patent. **Assignor** agrees to execute all papers, give any required testimony and perform other lawful acts, as deemed essential by **Assignee** to perfect **Assignee's** interest in any resulting patent of the United States, and to acquire, hold, enforce, convey, and uphold the validity of said patent and reissues and extensions thereof, and **Assignee's** interest therein.

SIGNED ON THE DATES(S) INDICATED BESIDE MY/OUR SIGNATURE(S):

Name of First Inventor: Seong-Taek HWANG

Hwang Seongtaek
Signature of inventor

Dated: September 12, 2005

WITNESSED: Jong-Hee KIM
Jong-Hee KIM

Name of Second Inventor: Jae-Hoon LEE

Jae-Hoon Lee
Signature of inventor

Dated: September 12, 2005

WITNESSED: Jong-Hee KIM
Jong-Hee KIM

Name of Third Inventor: Young-Sik KIM

Young Sik KIM
Signature of inventor

Dated: September 12, 2005

WITNESSED: Jong-Hee KIM
Jong-Hee KIM

Name of Fourth Inventor: Ji-Chai JEONG

Ji-Chai Jeong
Signature of inventor

Dated: September 12, 2005

WITNESSED: Jong-Hee KIM
Jong-Hee KIM

Name of Fifth Inventor: Jung-Woo BAEK

Jung Woo Baek
Signature of inventor

Dated: September 12, 2005

WITNESSED: Jong-Hee KIM
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Name of Sixth Inventor: Young-Je SUNG

Sung Young Je
Signature of inventor

Dated: September 12, 2005

WITNESSED: Jong-Hee KIM
Jong-Hee KIM