

11-19-2008



HEET

103535615

Attorney Docket No: 5004-1-108

To the Assistant Commissioner for Patents

1. Name of conveying party(ies):  
Je Hyok RYU; Sun Gi KIM; Hyo Hyun CHOI;  
Sun Shin AN; Sae Young AHN; Bum Jin KIM

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

3. Nature of conveyance:

☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name

Other: \_\_\_\_\_

Execution Date: November 13, 2008

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

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: November 13, 2008

A. Patent Application No.(s)

12/270,898

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

(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.

Steve Cha, Reg No. 44,069

Name of Person Signing

Signature

Date

11-14-08

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

Mail documents to be recorded with required cover sheet information to:

Assistant Commissioner for Patents  
Box Assignments  
Washington, D.C. 20231

11/18/2008 DBYRNE 00000001 12270898  
01 FC:0021

40.00 OF

### 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) Jehyok RYU    | of | No. 201, Hanareumvill, 518-8, Gokbanjeong-dong,<br>Gweonseon-gu, Suwon-si, Gyeonggi-do,<br>Republic of Korea |
| 2) Sun Gi KIM    | of | No. 104-804, Olympic-seonsuchon Apt., Oryun-dong,<br>Songpa-gu, Seoul, Republic of Korea                     |
| 3) Hyo Hyun CHOI | of | No. 201, 2F, 1357-31, Seocho 2-dong, Seocho-gu, Seoul,<br>Republic of Korea                                  |
| 4) Sun Shin AN   | of | No. 113-302, Hyeondae Apt., Apgujeong-dong,<br>Gangnam-gu, Seoul, Republic of Korea                          |
| 5) Sae Young AHN | of | No. 514-502, LGvillage, 5-cha, Sinbong-dong, Suji-gu,<br>Yongin-si, Gyeonggi-do, Republic of Korea           |
| 6) Bum Jin KIM   | of | No. 2-1206, Sindong-ah Apt., Bangbae-dong,<br>Seocho-gu, Seoul, Republic of Korea                            |

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

**SAMSUNG ELECTRONIC 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:

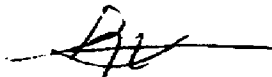
**METHOD AND SYSTEM FOR LOCATING SENSOR NODE IN SENSOR NETWORK USING TRANSMIT POWER CONTROL**

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: Jehyok RYU**



Signature of inventor

Dated: Nov. 13, 2008

WITNESSED: hee won jing

**Name of Second Inventor: Sun Gi KIM**



Signature of inventor

Dated: Nov. 13, 2008

WITNESSED: hee won jing

**Name of Third Inventor: Hyo Hyun CHOI**

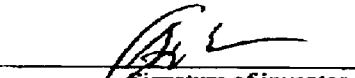


Signature of inventor

Dated: Nov. 13, 2008

WITNESSED: hee won jing

**Name of Fourth Inventor: Sun Shin AN**



Signature of inventor

Dated: Nov. 13, 2008

WITNESSED: hee won jing

Name of Fifth Inventor: Sae Young AHN

안 세영  
Signature of inventor

Dated: Nov. 13, 2008

WITNESSED: hee won jung

Name of Sixth Inventor: Bum Jin KIM

김 범진  
Signature of inventor

Dated: Nov. 13, 2008

WITNESSED: hee won jung