

11-19-2008



HEET

Attorney Docket No: 5004-1-119

103535610

To the Assistant Commissioner for Patents

808111

<p>1. Name of conveying party(ies): Je Hyok RYU; Sun Gi KIM; Hyo Hyun CHOI; Bum Jin KIM; Sae Young AHN; Sun Shin AN</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name</p> <p>Other: _____</p> <p>Execution Date: <u>November 13, 2008</u></p>	<p>2. Name and address of receiving party(ies):</p> <p>Name: <u>SAMSUNG ELECTRONICS CO., LTD.</u></p> <p>Address: <u>416, MAETAN-DONG, YEONGTONG-GU</u> <u>SUWON-SI, GYEONGGI-DO</u> <u>REPUBLIC OF KOREA</u></p> <p>Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
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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: November 13, 2008

<p>A. Patent Application No.(s) 12/270,912</p>	<p>B. Patent No.(s)</p>
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Additional numbers attached? Yes No

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: <u>Steve Cha</u></p> <p>Address: <u>CHA & REITER</u> <u>210 Route 4 East, Suite #103</u> <u>Paramus, New Jersey 07652</u></p>	<p>6. Total number of applications and patents involved: <u>1</u></p> <p>7. Total fee (37 CFR 3.41): <u>\$40.00</u></p> <p><input checked="" type="checkbox"/> Enclosed</p> <p><input type="checkbox"/> Authorized to be charged to deposit account, if necessary - for overages or underpayments only</p> <p>8. Deposit account number: <u>502-470</u> (Attach duplicate copy of this page if paying by deposit account)</p>
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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.

<p><u>Steve Cha, Reg No.44,069</u> Name of Person Signing</p>	<p> Signature</p>	<p><u>11/14/08</u> Date</p>
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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 00000092 12270912
01 FC:8021 40.00 0P

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) Je Hyok RYU | of | No. 201, Hanareumvill, 518-8, Gokbanjeong-dong,
Gwonseon-gu, Suwon-si, Gyeonggi-do,
Republic of Korea |
| 2) Sun Gi KIM | of | No. 104-804, Olympic Seonsuchon Apt., Oryun-dong,
Songpa-gu, Seoul, Republic of Korea |
| 3) Hyo Hyun CHOI | of | No. 106-802, Samsung Apt., Oksu 2-dong,
Seongdong-gu, Seoul, Republic of Korea |
| 4) Bum Jin KIM | of | No. 2-1206, Shindongah Apt., Bangbae-dong,
Seocho-gu, Seoul, Republic of Korea |
| 5) Sae Young AHN | of | No. 514-502, LG Village 5-cha, Sinbong-dong, Suji-gu,
Yongin-si, Gyeonggi-do, Republic of Korea |
| 6) Sun Shin AN | of | No. 113-302, Hyundai Apt., Apgujeong-dong,
Gangnam-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
DISTANCE DETERMINING ALGORITHM**

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**

Name of Fifth Inventor: Sae Young AHN

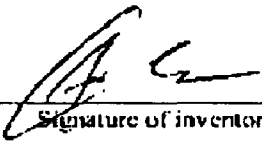
of

Signature of inventor

Dated: Nov. 13, 2008

WITNESSED: Lee Eun G

Name of Sixth Inventor: Sun Shin AN


Signature of inventor

Dated: Nov. 13, 2008

WITNESSED: Lee Eun G