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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

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Attorney Docket No: 5000-1-1206

To the Assistant Commissioner for Patents

1. Name of conveying party(ies):
Hong-Seok SHIN; Dong-Ho CHO; Hyu-Dae KIM;
Chi-Sung BAE; Soo-Yong JEON; Woo-Chan KIM;
Sung-Yeop PYUN

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 11, 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: September 11, 2008

A. Patent Application No.(s)

12/210,364

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: _____

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]
Signature

9/15/08
Date

6

Total number of pages including cover sheet, attachments, and document: 6

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PAGE 2 OF RECORDATION FORM COVER SHEET
PATENTS ONLY

Attorney Docket No. 5000-1-1206

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

Name:

KOREA ADVANCED INSTITUTE OF
SCIENCE AND TECHNOLOGY (KAIST) of

Address:

373-1, GUSEONG-DONG, YUSEONG-GU,
DAEJEON, REPUBLIC OF KOREA

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) Hong-Seok SHIN of
#501-904, Jugong Greenville APT., Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do,
Republic of Korea
- 2) Dong-Ho CHO of
#A-1502, Hyundai Superville, 1446-11, Seocho 3-dong, Seocho-gu, Seoul,
Republic of Korea
- 3) Hyu-Dae KIM of
#Chips-110, Korea Advanced Institute of Science and Technology, 373-1, Guseong-dong,
Yuseong-gu, Daejeon, Republic of Korea
- 4) Chi-Sung BAE of
#Chips-110, Korea Advanced Institute of Science and Technology, 373-1, Guseong-dong,
Yuseong-gu, Daejeon, Republic of Korea
- 5) Soo-Yong JEON of
#Chips-110, Korea Advanced Institute of Science and Technology, 373-1, Guseong-dong,
Yuseong-gu, Daejeon, Republic of Korea
- 6) Woo-Chan KIM of
#Chips-110, Korea Advanced Institute of Science and Technology, 373-1, Guseong-dong,
Yuseong-gu, Daejeon, Republic of Korea
- 7) Sung-Yeop PYUN of
#Chips-110, Korea Advanced Institute of Science and Technology, 373-1, Guseong-dong,
Yuseong-gu, Daejeon, 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

KOREA ADVANCED INSTITUTE OF SCIENCE AND TECHNOLOGY(KAIST) of
373-1, GUSEONG-DONG, YUSEONG-GU, DAEJEON, 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 APPARATUS FOR RETRANSMITTING DATA IN WIRELESS LAN
SYSTEM USING VISIBLE LIGHT COMMUNICATION

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,

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: Hong-Seok SHIN

Hong Seok Shin
Signature of inventor

Dated: September 11, 2008

WITNESSED: [Signature]

Name of Second Inventor: Dong-Ho CHO

Signature of inventor

Dated: _____

WITNESSED: _____

Name of Third Inventor: Hyu-Dae KIM

Signature of inventor

Dated: _____

WITNESSED: _____

Name of Fourth Inventor: Chi-Sung BAE

Signature of inventor

Dated: _____

WITNESSED: _____

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: Hong-Seok SHIN

Signature of inventor

Dated: _____

WITNESSED: _____

Name of Second Inventor: Dong-Ho CHO

Dongho Cho
Signature of inventor

Dated: September 11, 2008

WITNESSED: _____

Name of Third Inventor: Hyu-Dae KIM

Hyu-Dae Kim
Signature of inventor

Dated: September 11, 2008

WITNESSED: _____

Name of Fourth Inventor: Chi-Sung BAE

Chi-Sung Bae
Signature of inventor

Dated: September 11, 2008

WITNESSED: _____

Name of Fifth Inventor: Soo-Yong JEON

Soo Yong Jeon
Signature of inventor

Dated: September 11, 2008

WITNESSED: _____

Name of Sixth Inventor: Woo-Chan KIM

Woo Chan Kim
Signature of inventor

Dated: September 11, 2008

WITNESSED: _____

Name of Seventh Inventor: Sung-Yeop PYUN

Sung Yeop Pyun
Signature of inventor

Dated: September 11, 2008

WITNESSED: _____