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Attorney Docket No: 5000-1-1168

Assistant Commissioner for Patents

1. Name of conveying party(ies):
Jeong-Seok CHOI; Dae-Kwang JUNG;
Hong-Seok SHIN; Kyung-Woo LEE; Dong-Jae SHIN;
Sung-Bum PARK; Yoo-Jeong HYUN

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

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name

Other: _____

Execution Date: July 1, 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: July 1, 2008

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

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☒ Authorized to be charged to deposit account, if necessary
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Steve Cha, Reg No. 44,069
Name of Person Signing

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Signature

7/10/08
Date

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PATENT
REEL: 021279 FRAME: 0083

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) Jeong-Seok CHOI of
#201-1303, Taeyeong Desian APT., Pungdeokcheon 2-dong, Suji-gu, Yongin-si,
Gyeonggi-do, Republic of Korea
- 2) Dae-Kwang JUNG of
#126-803, Hyundai Home Town APT., 174, Maetan 1-dong, Yeongtong-gu, Suwon-si,
Gyeonggi-do, Republic of Korea
- 3) Hong-Seok SHIN of
#501-904, Jugong Greenville APT., Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do,
Republic of Korea
- 4) Kyung-Woo LEE of
#130-1802, Donga Solecity APT., Bojeong-dong, Giheung-gu, Yongin-si, Gyeonggi-do,
Republic of Korea
- 5) Dong-Jae SHIN of
#111-1303, Yeoksam Raemian APT., Yeoksam 2-dong, Gangnam-gu, Seoul,
Republic of Korea
- 6) Sung-Bum PARK of
#155-1701, Hwanggolmaeul 1-danji APT., Yeongtong-dong, Yeongtong-gu, Suwon-si,
Gyeonggi-do, Republic of Korea
- 7) Yoo-Jeong HYUN of
#603-3104, Parkview, Jeongja-dong, Bundang-gu, Seongnam-si, Gyeonggi-do,
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: METHOD AND APPARATUS FOR GENERATING VISIBLE SIGNAL FOR DATA TRANSMISSION FRAME IN VISIBLE-LIGHT COMMUNICATION SYSTEM

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 **Assign**

nee'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 herein.

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

Name of First Inventor: Jeong-Seok CHOI

Jeong Seok Choi
Signature of inventor

Dated: 01/07/2008

WITNESSED: hee Won Jung

Name of Second Inventor: Dae-Kwang JUNG

Dae-Kwang JUNG
Signature of inventor

Dated: 01/07/2008

WITNESSED: hee Won Jung

Name of Third Inventor: Hong-Seok SHIN

Hongseok Shin
Signature of inventor

Dated: 01/07/2008

WITNESSED: hee Won Jung

Name of Fourth Inventor: Kyung-Woo LEE

Kyungwoo Lee
Signature of inventor

Dated: 01/07/2008

WITNESSED: hee Won Jung

Name of Fifth Inventor: Dong-Jae SHIN

DONG-JAE SHIN
Signature of inventor

Dated: 01/07/2008

WITNESSED: hee Won Jung

Name of Sixth Inventor: Sung-Bum PARK

Sung-Bum Park
Signature of inventor

Dated: 01/07/2009

WITNESSED: hee Won Jung

Name of Seventh Inventor: Yoo-Jeong HYUN

Signature of inventor

Dated: _____

WITNESSED: _____