FORM PTO-1595

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09/20/2012

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1. Name of conveying parties:

    1) Deuk Hee PARK
    2) Yun Joong LEE
    3) Sang Hyun CHA
    4) Jae Shin LEE
    5) Chang Seok LEE

2. Name and Address of receiving party:
    SAMSUNG ELECTRO-MECHANICS CO., LTD.
    314 Maetan 3-dong, Yeongtong-gu,
    Suwon, Gyunggi-do,
    Republic of Korea

3. Nature of conveyance:
    X Assignment   ___ Merger
    ___ Security Agreement   ___ Change of Name
    ___ Other: _____
    Execution Date(s): November 30, 2011

4. Application number(s) or patent number(s):
    ☐ This document is being filed together with a new application.
                          OR
    ☒ This document is being filed after filing of the application:
    (a)   Patent Application No(s). 13/605,101, filed September 6, 2012; or
    (b)   Patent No(s). , issued .

5. Name and address of party to whom correspondence concerning document should be mailed:
    STAAS & HALSEY LLP   Our Docket: 1952.1309
    Attention: David M. Pitcher
    1201 New York Ave., N.W., 7th Floor
    Washington, D.C. 20005

6. Total number of applications and patents involved: __1

7. Total fee (37 CFR 3.41).................... ($ 40.00 per Patent or Application in Assignment)
    ☒   Enclosed
    ☐   Authorized to be charged to credit card.
    ☐   Authorized to be charged to deposit account.

8. Deposit Account No.: 19-3935 (Any underpayment is authorized to be charged to this Deposit Account)
    (Attach duplicate copy of this page if paying by deposit account)

David M. Pitcher, Reg. No. 25,908

Name of Person Signing   Signature   Date

Total number of pages including cover sheet: 3

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PATENT
REEL: 029044 FRAME: 0681

Docket No.

U.S. ASSIGNMENT

S&H 7/03

IN CONSIDERATION of the sum of One Dollar ($1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter, "ASSIGNOR") by
(Insert Name(s) & Address(es) of ASSIGNEE(S))

SAMSUNG Electro-Mechanics Co., Ltd.
314 Maetan 3-Dong, Yeongtong-Gu,
Suwon, Gyunggi-Do
Republic of KOREA
postal code: 443-743)

(hereinafter, "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled
(Title of Invention)

LIGHT EMITTING DIODE DRIVING APPARATUS

relating to International Patent Application PCT/___/_____ and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was:

(a) executed on _____ ;   *(Insert date of execution of application, if not concurrent)*

(b) filed on _____ ,

Serial No. ____/_____ ;

> *Any registered attorney of STAAS & HALSEY LLP, 1201 New York Ave., N.W., Suite 700, Washington, D.C. 20005 (202/434-1500) is hereby authorized to insert in (b) the specified data, when known.*

and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)").

The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).
(Typed Name & Signature of Inventor(s))   *(Date)*

1) _____   204/. 11. 30
   PARK, Deuk Hee

2) _____   70 11. 11. 30
   LEE, Yun Joong

3) _____   2011. 11. 30
   CHA, Sang Hyun

4) _____   2011, 11, 30
   LEE, Jae Shin

5) _____   2011, 11, 30
   LEE, Chang Seok