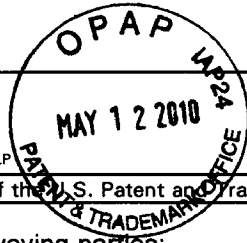


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To the Director of the U.S. Patent and Trademark



05-17-2010



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U.S. DEPARTMENT OF COMMERCE

1. Name of conveying parties:

Joon-Suh KIM
Naoki SHIMADA

2. Name and Address of receiving party:

SAMSUNG ELECTRONICS CO., LTD.
416, Maetan-dong, Yeongtong-gu,
Suwon-si, Gyeonggi-do 443-742
Republic of Korea

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other: _____

Execution Dates: May 6, 2010

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). 29/361,483 filed May 12, 2010; 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: 1779.1571
Attention: Sang Chul Kwon
1201 New York Ave., N.W., Suite 700
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 deposit account.

8. Deposit Account No.: 19-3935 (Any underpayment is authorized to be charged to this Deposit Account)
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Sang Chul Kwon, Registration No. 63,153
Name of Person Signing

Signature

May 12, 2010
Date

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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 ELECTRONICS CO., LTD.
416, Maetan-dong, Yeongtong-gu,
Suwon-si, Gyeonggi-do, 443-742
Republic of Korea

(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
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(a) executed on ;

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Serial No. Not Yet Assigned ;

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

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IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

(Typed Name & Signature of Inventor(s))

(Date)

(Typed Name & Signature of Witness(es))

1) Joon-Suh KIM
Joon-Suh KIM

May 6, 2010

2) Naoki Shimada
Naoki SHIMADA

May 6, 2010

3) _____

4) _____

5) _____

6) _____

7) _____