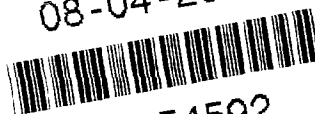


08-04-2005

U.S. DEPARTMENT OF COMMERCE



103054592

Original documents or copy thereof.

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

## 1. Name of conveying party(ies):

Youn-hee HAN  
Hee-jin JANG  
Choong-hun LEE

## 2. Name and Address of receiving party(ies):

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

## 3. Nature of conveyance:

☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other: \_\_\_\_\_

Execution Date(s): July 13, 2005

## 4. Application number(s) or patent number(s):

☐ This document is being filed together with a new application:

(a) The execution date(s) of the application is/are:

(b) The title is:

OR

☐ This document is being filed after filing of the application:(a) Patent Application No(s). 11/130,250, filed May 17, 2005; or

(b) Patent No(s). , issued .

## 5. Name and address of party to whom correspondence concerning document should be mailed:

STEIN, MCEWEN &amp; BUI, LLP

Our Docket: 0004.1005Attention: Michael D. Stein

1400 Eye St., N.W., Suite 300

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 No. 503333.

## 8. Deposit Account No. 50-3333: (Any underpayment is authorized to be charged to this Deposit Account) (Attach duplicate copy of this page if paying by deposit account)

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# U.S. ASSIGNMENT

SMB 12/04

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  
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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relating to International Patent Application PCT/JP \_\_\_\_\_ 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 May 17, 2005.

Serial No. 11/130,250;

Any registered attorney of STEIN, MCEWEN & BUI, LLP, 1400 Eye St., N.W., Suite 300, Washington, D.C. 20005 (202/216-9505) is hereby authorized to insert in (b) the specified date, when known.

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
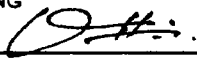
The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution 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)

(Typed Name & Signature of Witness(es))

1)  Youn-hee HAN	<u>July 13, 2005</u>	<u>Ah-ran Oh</u> Ah-ran OH
2)  Hee-jin JANG	<u>July 13, 2005</u>	<u>Ah-ran Oh</u> Ah-ran OH
3)  Choong-hun LEE	<u>July 13, 2005</u>	<u>Ah-ran Oh</u> Ah-ran OH
4) _____	_____	_____
5) _____	_____	_____
6) _____	_____	_____
7) _____	_____	_____