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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof

1. Name of Conveying party(ies):
Sang-jean JEON
Jong-rok PARK
Sung-yeup SA
Hee-jeon YANG
Guen-suk LEE

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) conveying party(ies) attached? Yes No

Additional name(s) & address(es) attached? Yes No

3. Nature of Conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Date: April 3 and 4, 2006

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 5/4/06

A. Patent Application No.:

B. Patent No.(s):

Additional numbers attached: Yes No

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

Name:
Stanzione & Kim, LLP

Address:
919 18th St., NW, Suite 440
Washington, DC 20006

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$ 40.00

Enclosed

Authorized to be charged to deposit account

8. Deposit account number:

502827

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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.

Seungman Kim
Name of Person Signing

Signature

May 4, 2006
Date

Total number of pages including cover sheet, attachments, and documents: 3

U.S. ASSIGNMENT

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 Mactan-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

APPARATUS TO TREAT A SUBSTRATE

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 Stanzone & Kim, LLP, 919 18th Street, N.W., Washington, D.C. 20006, is hereby authorized to insert in section (b) above the specified date, 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/het/their signature(s).

(Typed Name & Signature of Inventor(s))

(Date)

1) 전 상 진 2006. 4. 3
Sang-jean JEON

2) 박 종 록 2006. 4. 3
Jong-rok PARK

3) 사 승 업 2006. 04. 03
Sung-yeup SA

Additional Inventors are being named on separately numbered sheets attached hereto.

U.S. ASSIGNMENT

(Typed Name & Signature of Inventor(s))

(Date)

4) 양희진 2006. 4. 3
Hee-jeon YANG

5) 이근석 2006. 4. 4
Guen-suk LEE