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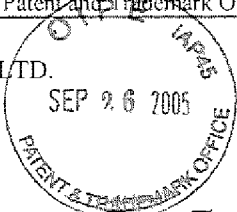
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SHEET

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To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

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SAMSUNG ELECTRONICS CO., LTD.



2. Name and address of receiving party(ies):
SAMSUNG SDI CO., LTD.
575, Shin-dong, Yeongtong-gu,
Suwon-si, Gyeonggi-do
REPUBLIC OF KOREA

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

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

Execution Date: September 1, 2005

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:
A. Patent Application No.(s)
10/933,474

B. Patent No.(s)
Not Yet Assigned
Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
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6. Total number of applications and patents involved:
1
7. Total fee (37 CFR 3.41): \$40.00
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Paul F. Neils Reg. No. 33,102 September 26, 2005 Date

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Assignment

Whereas, Samsung Electronics Co., Ltd., a Korean corporation, having a place of business at 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea, hereinafter called Assignor, is the owner and assignee of record of U.S. patent application 10/933,474 by assignment executed on December 1, 2004, a copy of which is attached hereto; and

Whereas, Samsung SDI Co., Ltd., a Korean corporation, having a place of business at 575, Shin-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea, hereinafter called Assignee, desires to acquire the Assignor's entire right, title, and interest in said application and inventions disclosed therein, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged;

The above named Assignor, hereby sells, assigns and transfers to the above named Assignee, its successors and assigns, the Assignor's entire right, title and interest in U.S. patent application 10/933,474, filed September 3, 2004, the invention disclosed therein for the United States of America, and Assignor's entire right, title and interest in and to any and all Patents which may be granted thereon in the United States, and requests the Commissioner of Patents to issue any Letters Patents granted upon the invention set forth in said application to the Assignee herein, its successors and assigns; and Assignor will execute without further consideration all papers deemed necessary by the Assignee in connection with said United States application when called upon to do so by the Assignee.

IN WITNESS WHEREOF, Samsung Electronics Co., Ltd. has executed this Assignment by proper persons duly authorized.

Samsung Electronics Co., Ltd.

Date: 01/ September/2005

Kwak Jun Yeon
Name: KWAK, Jun-yeon

Title: Intellectual Property Group Director

Witness:

1/ Sep/2005
Date:

Younghee Jeon
Name: JEON, Young-hee