

08-29-2006

ASSIGNMENT F



SHEET Patents Only

103298829

To: Commissioner

Date: August 23, 2006
Attorney Docket No. 5649-2002

Please record the attached original documents or copy thereof.

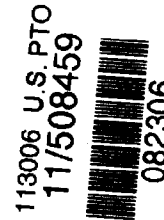
1. Name of conveying party(ies):

- [1.] Won-churl Jang
- [2.] Dong-jae Lee
- [3.] Deok-soo Park

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

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: [1.] August 18, 2006; [2.] August 18, 2006; [3.] August 18, 2006

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

4. Application Serial No. _____ Patent No. _____

If this document is being filed together with a new application, the execution date of the application is: [1.] August 18, 2006; [2.] August 18, 2006; [3.] August 18, 2006;

Additional numbers attached? ___ Yes No

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

David C. Hall
Myers Bigel Sibley & Sajovec
P. O. Box 37428
Raleigh NC 27627

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: 50-0220

DO NOT USE THIS SPACE

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.

David C. Hall Reg. No. 38,904
Name of Person Signing

Signature

August 23, 2006
Date

Total number of pages including cover sheet, attachments and document: 5

CERTIFICATE OF MAILING UNDER 37 CFR § 1.10

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Date of Deposit: August 23, 2006

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Traci A. Brown

08/25/2006 RMEBRAHT 0000062 11508459

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ASSIGNMENT

THIS ASSIGNMENT, made by us, **Won-churl Jang**, citizen of the Republic of Korea, residing at 114-206, Sindong-a Apt., Banghak 3-dong, Dobong-gu, Seoul, Republic of Korea; **Dong-jae Lee**, citizen of the Republic of Korea, residing at 604-304, Jugong Apt., Sanggye-dong, Nowon-gu, Seoul, Republic of Korea; and **Deok-soo Park**, citizen of the Republic of Korea, residing at Rm. 201, Gyeongdo-Yeollip, (7/4), 1344-2, Seocho 2-dong, Seocho-gu, Seoul, Republic of Korea;

WITNESSETH: That,

WHEREAS, we are the joint inventors of certain new and useful improvements in **METHODS AND APAPRATUS FOR ESTIMATING ORIENTATION IN AN IMAGE**, for which an application for United States Letters Patent has been filed, or is being filed concurrently, in the United States Patent and Trademark Office. We hereby authorize and request Myers Bigel Sibley & Sajovec, P.A., to insert here in parentheses (Application No. _____, filed _____) the filing date and application number of said application when known or to file this Assignment concurrently with the application, and

WHEREAS, **Samsung Electronics Co., Ltd.**, a Korean corporation having a principal place of business at 416 Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea, hereinafter referred to as assignee, is desirous of acquiring the entire right, title and interest in and to said invention as described in said application, and in and to any and all Letters Patent which shall be granted therefor in the United States of America and all foreign countries;

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold and by these presents do hereby sell, assign, transfer and convey unto the said assignee, its successors and assigns, the entire right, title and interest in and to the said invention and application, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted, together with the right to claim the priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made.

ASSIGNMENT – CONTINUED

We hereby request that said Letters Patent be issued in accordance with this assignment.

We further covenant and agree that, at the time of the execution and delivery of these presents, we possess full title to the invention and application above-mentioned, and that we have the unencumbered right and authority to make this assignment.

We further covenant and agree to bind our heirs, legal representatives and assigns, promptly to communicate to said assignee or its representatives any facts known to us relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the assignee, its representatives, successors or assigns to secure patent or similar protection for the said invention in all countries and to vest in the assignee complete title to the said invention and Letters Patent, without further compensation, but at the expense of said assignee, its successors, assigns and other legal representatives.

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 18 day of August, 2006.



Won-churl Jang

Witnessed by:

Date: _____

ASSIGNMENT – CONTINUED

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 18 day of
August, 2006.



Dong-jae Lee

Witnessed by:

Date: _____

ASSIGNMENT – CONTINUED

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 18 day of August, 2006.



Deok-soo Park

Witnessed by:

Date: _____