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

1. **Name of conveying party(ies):**
   - Gun-hee LEE
   - Sung-jae KO

   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, Paldal-gu
   - Suwon-city, Kyungki-do
   - Republic of Korea

   Additional name(s) & address(es) attached?  
   - ☐ yes  ☑ no

3. **Nature of Conveyance:**
   - ☑ Assignment  ☐ Merger  
   - ☐ Security Agreement  ☐ Change of Names  
   - ☐ Other

   Execution Date: January 4, 1999

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)  
     - 09/169,013
   - B. Patent No.(s)

   Additional numbers attached?  
   - ☑ Yes  ☐ No

5. **Name and address of party to whom correspondence concerning document should be mailed:**
   - SUGHRUE, MION, ZINN, MACPEAK & SEAS, PLLC
   - 2100 Pennsylvania Avenue, N.W.
   - Suite 800
   - Washington, D.C. 20037-3213

6. **Total number of applications and registration involved:**
   - 1

7. **Fee (37 CFR 3.41):**
   - $40.00

   □ Enclosed. Please charge any underpayment in connection with this Assignment to Deposit Account No. 19-4880.
   - ☑ Authorized to be charged to Deposit Account

8. **Deposit Account No.:**
   - 19-4880
   - Charge $40.00

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.
   - [Signature]
   - April 22, 1999
   - Reg. No. 25,426
   - Date

**TOTAL NUMBER OF PAGES COMPRISING COVER SHEET, ATTACHMENTS AND DOCUMENT: 2**

OMB No. 0651-0011 (exp. 4/94)

Do not detach this portion

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents and Trademarks

Box Assignments

Washington, D.C. 20231
ASSIGNMENT

Whereas, I/We,

hereinafter called assignor(s), have invented certain improvements in
MOTION COMPENSATING APPARATUS USING GRADIENT PATTERN MATCHING AND METHOD THEREOF
and executed an application for Letters Patent of the United States of America therefor on

4 January 1999

FILED

APR 22 1999

Whereas, SAMSUNG ELECTRONICS CO., LTD. of 416, Maetan-dong, Paldal-gu, Suwon-city, Kyungki-do, Republic of Korea (assignee), desires to acquire the entire right, title and interest in the application and invention, and to any United States patents to be obtained therefor;

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

I/We the above-named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U.S.C. & 119, and I/we request the Commissioner of Patents to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

I/We hereby authorize and request my attorneys SUGHRUE, MION, ZINN, MACPEAK & SEAS of 2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037-3202 to insert here in parentheses (Application number 09/169,013, filed 9 October 1998) the filing date and application number of said application when known.

Date: 4 January 1999

s/ 
Gun-hee Lee

Date: 4 January 1999

s/ 
Sung-jae Ko

Date:________________

s/_________________

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. &261)

8/92

RECORDED: 07/26/2000
PATENT
REEL: 010869 FRAME: 0921