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

Tae-hyeun HA  
Jae-seok KIM  
Jun-ho SUNG  
Seong-joo LEE

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

SAMSUNG ELECTRONICS CO., LTD.  
416, Maetan-dong, Yeongtong-gu  
Suwon-si, Gyeonggi-do  
Republic of Korea22581 U.S. PTO  
10/879724  
063004Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

- ☒
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- ☐
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- ☐
- Change of Name
- 
- ☐
- Other

Execution Date: June 15, 2004

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: June 15, 2004

A. Patent Application No.(s)  
UnknownB. Patent No.(s)  
Not yet assignedAdditional numbers attached? ☐ Yes ☒ No

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

SUGHRUE MION, PLLC

WASHINGTON OFFICE

23373

CUSTOMER NUMBER

## 6. Total number of applications and patents involved:

1

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PATENT  
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Docket No. Q81452  
For Non-U.S. Clients

## Assignment

Whereas, We, Tae-hyeun HA, Jae-seok KIM, Jun-ho SUNG, Seong-joo LEE, of Mapo-gu, Seoul, Republic of Korea, Goyang-si, Gyeonggi-do, Republic of Korea, Dongjak-gu, Seoul, Republic of Korea, Suwon-si, Gyeonggi-do, Republic of Korea, respectively, hereinafter called assignors, have invented certain improvements in ADAPTIVE DE-INTERLACING METHOD AND APPARATUS BASED ON PHASE CORRECTED FIELD, AND RECORDING MEDIUM STORAGE PROGRAMS FOR EXECUTING THE ADAPTIVE DE-INTERLACING METHOD and executed an application for Letters Patent of the United States of America therefor on 15 June 2004; and

Whereas, SAMSUNG ELECTRONICS CO., LTD., 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-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,

We, the above named assignors, 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 we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and 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.

We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number \_\_\_\_\_ and Confirmation number \_\_\_\_\_, filed \_\_\_\_\_) the application number, confirmation number and filing date of said application when known.

Date: 15 June 2004

s/Tae-hyeun HA

*Tae-hyeun HA*

Date: 15 June 2004

s/Jae-seok KIM

*J S Kim*

Date: 15 June 2004

s/Jun-ho SUNG

*J. h Sung*

Date: 15 June 2004

s/Seong-joo LEE

*S. J Lee*

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