

09-16-2004



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

1. Name of conveying party(ies):

Seung-bum HONG
Sung-dong KIM
Ju-hwan JUNG
Dong-ki MIN
Hong-sik PARK
Kyoung-lock BAECK
Chul-min PARK
Yun-seok KIM

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

SAMSUNG ELECTRONICS CO., LTD.
416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi do,
Republic of KoreaAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

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- ☐
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Execution Date: September 6, 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: September 6, 2004

A. Patent Application No.(s)
Not Yet Assigned

B. Patent No.(s)

10934561 Additional numbers attached? ☐ Yes ☒ No

5. 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

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

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*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.**Darryl Mexic*

Darryl Mexic

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September 7, 2004

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PATENT
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Assignment

Whereas, We, Seung-bum HONG of Seongnam-si, Gyeonggi-do, Republic of Korea, Sung-dong KIM of Seongnam-si, Gyeonggi-do, Republic of Korea, Ju-hwan JUNG of Seoul, Republic of Korea, Dong-ki MIN of Seoul, Republic of Korea, Hong-sik PARK of Seoul, Republic of Korea, Kyoung-lock BAECK of Busan-si, Republic of Korea, Chul-min PARK of Suwon-si, Gyeonggi-do, Republic of Korea, and Yun-seok KIM of Namyangju-si, Gyeonggi-do, Republic of Korea, hereinafter called assignors, have invented certain improvements in **METHOD OF WRITING DATA ON A STORAGE DEVICE USING A PROBE TECHNIQUE** and executed an application for Letters Patent of the United States of America therefor on September 6, 2004; and

Whereas, SAMSUNG ELECTRONICS CO., LTD., of 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 and filing date of said application when known.

Date: September 6, 2004 Am

s/Seung-bum HONG

Date: September 6, 2004 SLMS

s/Sung-dong KIM

Date: September 6, 2004 juhw

s/Ju-hwan JUNG

Date: September 6, 2004 DKM

s/Dong-ki MIN

Date: September 6, 2004 hsp

s/Hong-sik PARK

Date: September 6, 2004 KL

s/Kyoung-lock BAECK

Date: September 6, 2004 CP

s/Chul-min PARK

Date: September 6, 2004 YSK

s/Yun-seok KIM

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