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Jin-kyu KIM
Song-ho YOON
Kwang-yoon LEE
Ji-hyun IN

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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Execution Date: September 14, 2005

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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 14, 2005

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

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

SUGHRUE MION, PLLC

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Darryl Mexic

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PATENT
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Assignment

Whereas, We, Jin-kyu KIM, Song-ho YOON, Kwang-yoon LEE, and Ji-hyun IN of Seoul, Republic of Korea, Bucheon-si, Republic of Korea, Seongnam-si, Republic of Korea and Seongnam-si, Korea, respectively, hereinafter called assignors, have invented certain improvements in DATA PROCESSING APPARATUS AND METHOD FOR FLASH MEMORY and executed an application for Letters Patent of the United States of America therefor on _____; 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 and filing date of said application when known.

Date: *Jin-kyu Kim* September 14, 2005
s/Jin-kyu KIM

Date: *Song-ho Yoon* September 14, 2005
s/Song-ho YOON

Date: _____
s/Kwang-yoon LEE

Date: *Ji-hyun In* September 14, 2005
s/Ji-hyun IN

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

Assignment

Whereas, We, Jin-kyu KIM, Song-ho YOON, Kwang-yoon LEE, and Ji-hyun IN of Seoul, Republic of Korea, Bucheon-si, Republic of Korea, Seongnam-si, Republic of Korea and Seongnam-si, Korea, respectively, hereinafter called assignors, have invented certain improvements in DATA PROCESSING APPARATUS AND METHOD FOR FLASH MEMORY and executed an application for Letters Patent of the United States of America therefor on _____; 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 and filing date of said application when known.

Date:

s/Jin-kyu KIM

Date:

s/Song-ho YOON

Date:

s/Kwang-yoon LEE

September 14, 2005

Date:

s/Ji-hyun IN

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