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To the Honorable Commissioner of Patents and Trademarks

Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
Pil-joong LEE and Chae-hoon LIM

Additional name(s) of conveying party(ies) attached?
 yes no

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

Name:
SAMSUNG ELECTRONICS CO., LTD.
Internal Address:
416, Maetan-dong, Paldal-gu, Suwon-city, Kyungki-do, Republic of Korea
Street Address:
Same as above

City State Zip

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

3. Nature of Conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other

Execution Date: May 26, 1998

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)

09/003,875

B. Patent No(s).

Additional numbers attached? Yes No

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

SUGHRUE, MIOW, ZINN, MACPEAK & SEAS
2100 Pennsylvania Avenue, N.W.
Suite 900
Washington, D.C. 20037-3202

6. Total number of applications and patents involved:
One (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
Name Darryl Mexic Reg. No. 23,063

June 1, 1998
Date

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

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MRO 6-1-98

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ASSIGNMENT

Whereas, I/We, Pil-joong Lee and Chae-hoon Lim of 6-502, Kyosoo Apt., Gigok-dong, Pohang-city, Kyung-sangbuk-do, Republic of Korea and 595, Wonpyung-ri, Soodong-myun, Hamyang-gun, Kyung-sangnam-do, Republic of Korea

hereinafter called assignor(s), have invented certain improvements in

METHOD FOR EXPONENTIATION IN A PUBLIC-KEY CRYPTOSYSTEM

and executed an application for Letters Patent of the United States of America therefor on

May 26, 1998 ; and

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 any 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 authorize and request my/our attorneys SUGHRUE, MION, ZINN, MACPEAK & SEAS of 2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037-3202 to insert here in parentheses (Application number 09/003,875, filed January 7, 1998) the filing date and application number of said application when known.

Date: May 26, 1998 s/ *Piljoong Lee*
Pil-joong Lee

Date: May 26, 1998 s/ *Chae-hoon Lim*
Chae-hoon Lim

Date : s/ _____

Date: s/ _____

Date: s/ _____

Date: s/ _____

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