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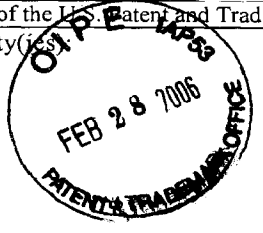


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To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies): Alexander ZINOVIEV Dmitry EVSTIGNEEV Alexey FADEEV
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 Yeongtong-gu, Suwon-si Gyeonggi-do Republic of Korea
Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance: Assignment Merger Security Agreement Change of Name Other

Execution Date: February 9, 2006

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) 11/286,346

B. Patent No.(s) Unknown
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 Enclosed. Authorized to be charged to Deposit Account No. 19-4880. The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account.
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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]* CHRISTOPHER LIPP 41,157 February 28, 2006 Darryl Mexic Reg. No. 23,063 Date

Total number of pages including cover sheet, attachments, and documents: 2
Mail documents to be recorded with required cover sheet information to: MAIL STOP ASSIGNMENT RECORDATION SERVICES Director of the U.S. Patent and Trademark Office P.O. Box 1450 83/83/2006 LMUELLER 00000058 11286346 Alexandria, VA 22313-1450

Assignment

Whereas, We, Alexander ZINOVIEV, Dmitry EVSTIGNEEV, and Alexey FADEEV, all of Moscow, Russia, hereinafter called assignors, have invented certain improvements in SYSTEM AND METHOD OF PROVIDING INFORMATION ON COMPUTER MEMORY USE and executed an application for Letters Patent of the United States of America therefor on 9 February 2006; 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 11/286,346 and Confirmation number _____, filed 25 November 2005) the application number and filing date of said application when known.

Date: 09 February 2006 [Signature] / Alexander Zinoviev/
s/Alexander ZINOVIEV

Date: 09 February 2006 [Signature] / Dmitry Evstigneev/
s/Dmitry EVSTIGNEEV

Date: 09 February 2006 [Signature] / Fadeev Alexey
s/Alexey FADEEV

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