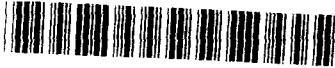


02-14-2006



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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

13262 U.S. PTO
11/348346



1. Name of conveying party(ies)/Execution Date(s):
1. Yong-Chul SONG
2. Young-Mo Gu
3. Min-Goo KIM

2. Name and address of receiving party(ies)
Name: Samsung Electronics Co., Ltd.
Internal Address: _____

Execution Date(s) February 6, 2006
Additional name(s) of conveying party(ies) attached? Yes No

Street Address: 416 Maetan-dong, Yeongtong-gu

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Government Interest Assignment
 Executive Order 9424, Confirmatory License
 Other _____

City: Suwon-si, Gyeonggi-do
State: _____
Country: Korea Zip: _____
Additional name(s) & address(es) attached? Yes No

4. Application or patent number(s):
A. Patent Application No.(s)
Additional numbers attached? Yes No

This document is being filed together with a new application.
B. Patent No.(s)

5. Name and address to whom correspondence concerning document should be mailed:
Name: Roylance, Abrams, Berdo & Goodman, L.L.P.
Internal Address: _____
Street Address: 1300 19th Street, N.W.
Suite 600
City: Washington
State: D.C. Zip: 20036
Phone Number: (202) 659-9076
Fax Number: (202) 659-9344
Email Address: _____

6. Total number of applications and patents involved: 1
7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00
 Authorized to be charged by credit card
 Authorized to be charged to deposit account
 Enclosed
 None required (government interest not affecting title)

8. Payment Information
a. Credit Card Last 4 Numbers _____
Expiration Date _____
b. Deposit Account Number _____
Authorized User Name _____

9. Signature: Stanislav Torgovitsky
Signature
Stanislav Torgovitsky, Reg. No. 43,958
Name of Person Signing

February 7, 2006
Date
Total number of pages including cover sheet, attachments, and documents: 3

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

02/08/2006 FFANREIA 00000049 11348345

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40.00 DP

ASSIGNMENT

WHEREAS, We, (1) Yong-Chul SONG; (2) Young-Mo GU; and (3) Min-Goo KIM, all citizens of the Republic of Korea, residing respectively at (1) #834, Cheongun Byucksan ville, Cheongun-dong, Jongno-gu, Seoul, Republic of Korea; (2) #411-704, Poonglim APT., Yeonkkotmaeul, Jeongja-dong, Jangan-gu, Suwon-si, Gyeonggi-do, Republic of Korea; and (3) #102-902, Hyundai Home Town, Yehyeonmaeul, 705, Seocheon-ri, Giheung-eup, Yongin-si, Gyeonggi-do, Republic of Korea (hereinafter "ASSIGNORS"), have made a certain invention entitled "AUTOMATIC GAIN CONTROL APPARATUS AND METHOD IN AN ORTHOGONAL FREQUENCY DIVISION MULTIPLE ACCESS SYSTEM" for which we are making application for Letters Patent of the United States, which application is being executed concurrently herewith; and

WHEREAS, Samsung Electronics Co., Ltd., a corporation duly organized under the laws of the Republic of Korea, located and doing business at 416, Mactan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea (hereinafter "ASSIGNEE"), is desirous of acquiring the entire right, title and interest in and to the aforementioned invention and the aforementioned application and any and all United States Letters Patent to be obtained on said invention and/or application;

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN:

BE IT KNOWN that for good and valuable consideration paid to us by said ASSIGNEE, the receipt and sufficiency of which is hereby acknowledged, we, the ASSIGNORS, by these presents do hereby sell, assign, set over and transfer unto the said ASSIGNEE, its successors, legal representatives or assigns, the entire right, title and interest in and to the aforesaid invention in and for the United States; and in, to and under the aforesaid United States application and any divisional, continuing, substitute or reissue applications or supplementary disclosures which may be filed on said invention in the United States; and our right to file said applications and claim priority under the provisions of any international treaty or convention; and in and to any Letters Patent of the United States issued or granted on said invention and/or said applications;

AND WE HEREBY authorize and request the U.S. Patent and Trademark Office or other issuing authority to issue any and all patents on said invention and/or said applications to said ASSIGNEE as sole assignee;

AND WE HEREBY covenant that we have the full right to convey the entire right, title and interest herein assigned and that we have not executed and will not execute any assignment or other instrument in conflict herewith;

AND WE HEREBY further covenant and agree to communicate to said ASSIGNEE, or its legal representatives, successors or assigns, any facts relating to said invention, including evidence for interference purposes or other proceedings, whenever requested, and to testify in any interference or in any other legal proceeding, when requested, and to execute

and deliver on request all lawful papers required to make any of the foregoing provisions effective; and to perform the aforesaid communicating, executing and delivering, without any payment except expenses and to perform the aforesaid testifying for reasonable compensation; and generally to do everything possible to aid the said ASSIGNEE, its successors, legal representatives or assigns to obtain and enforce proper patent protection on and for said invention in the United States, and likewise we make these provisions binding upon our heirs, legal representatives and/or administrators.

The undersigned hereby grant the firm of Roylance, Abrams, Berdo & Goodman, L.L.P. the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, I have hereunder set my hand and seal this 6 day of February, 2006.

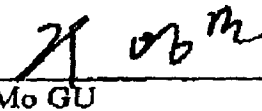


Yong-Chul SONG

Kim Dgung sik

Witness

IN WITNESS WHEREOF, I have hereunder set my hand and seal this 6 day of February, 2006.




Young-Mo GU

Kim byung sik

Witness

IN WITNESS WHEREOF, I have hereunder set my hand and seal this 6th day of February, 2006.



Min-Goo KIM

Kim byung sik

Witness