	08-2006 U.S. DEPARTMENT OF COMMERCE
Form <b>PTO-1595</b> (Rev. 07/05) OMB No. 0651-0027 (exp. 6/30/2008)	<u>ited States Patent and Trademark O</u>
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	ise record the attached documents or the new address(es) below.
1. Name of conveying party(ies)	2. Name and address of receiving party(ies)
Kye-hyun Kyung	Name: Samsung Electronics Co., Ltd.
	Internal Address:
Additional name(s) of conveying party(ies) attached? 🗌 Yes 🗹 N	
3. Nature of conveyance/Execution Date(s):	Street Address:
Execution Date(s) <u>November 27, 2006</u>	Yeongtong-gu
Assignment Merger	
Security Agreement Change of Name	City:Suwon-si, Gyeonggi-do
Joint Research Agreement	State:
Government Interest Assignment	
Executive Order 9424, Confirmatory License	Country: <u>Republic of Korea</u> Zip:
Other	Additional name(s) & address(es) attached? Yes
Additional numbers a 5. Name and address to whom correspondence	6. Total number of applications and patents
5. Name and address to whom correspondence concerning document should be mailed:	
5. Name and address to whom correspondence concerning document should be mailed: Name: <u>Steven M. Mills</u>	6. Total number of applications and patents involved: _1 7. Total fee (37 CFR 1.21(h) & 3.41) \$_40.00
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1
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PATENT REEL: 018664 FRAME: 0987

## ASSIGNMENT

I, Kye-hyun Kyung of 512-1301 Samsung Scha APT., Jinsan-macul, 1161 Bojeong-ri, Guseongmyeon, Yongin-si, Gyeonggi-do, Republic of Korea, having invented improvements in SEMICONDUCTOR MEMORY DEVICE AND MODULE FOR HIGH FREQUENCY OPERATION, described in an application for Letters Patent of the United States, executed by me on even date herewith, for good and valuable consideration, receipt of which is hereby acknowledged from Samsung Electronics, Co., Ltd., a Korean corporation having a place of business at 416, Maetan-dong, Yeongtonggu, Suwon-si, Gyeonggi-do, Republic of Korea (and hereinafter called the Assignee, which term shall include its successors and assigns), do hereby sell, assign and transfer unto the Assignee my entire right, title, and interest in and throughout the United States of America (including its territories and dependencies) and all countries foreign thereto, in and to and under said application (which term shall include hereinafter where the context so admits all divisional, continuing, reissue and other patent applications based thereon) and the inventions (which term shall include each and every such invention, or part thereof) therein described, and any and all patents and like rights of exclusion (including extensions thereof) of any country which may be granted on or for said inventions or on said application;

And for the same consideration I do also hereby sell, assign, and transfer unto the Assignee, all my rights under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, and all other treaties of like purpose in respect of said inventions and said application, and I do hereby authorize the Assignee to apply in my name or its own name or its designee for patents and like rights of exclusion on or for said inventions in all countries, claiming (if the Assignee so desires) the priority of the filing date of said application under the provisions of said Convention, Treaty or any such other Convention or Treaty;

And for the same consideration, I do hereby agree for myself and for my heirs, executors, and administrators, promptly upon request of the Assignee to execute and deliver without further compensation any power of attorney, assignment, original, divisional, continuing, reissue or other application or applications for patent or patents or like rights of exclusion of any country, or other lawful documents and any further assurances that may be deemed necessary or desirable by the Assignee, fully to secure to it said right, title, and interest as aforesaid in and to said inventions, applications, and said several patents and like rights of exclusion (including extensions thereof) or any of them, all, however, at the expense of the Assignee, its successors, or assigns;

And I do hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America and the corresponding Official of each country foreign thereto to issue to the Assignee, any and all patents and like rights of exclusion which may be granted in any country upon said United States application on or for said inventions;

And I do hereby covenant for myself and my legal representatives and agree with the Assignee, that I have granted no right or license to make, use, or sell said inventions to anyone except the Assignee, that prior to the execution of this deed our right, title, and interest in and to said inventions has not been otherwise encumbered by me, and that I have not executed and will not execute any instruments in conflict herewith.

Page 1 of 2

医耳氏病 法法院性 的复数形式 化乙酰氨酸

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PATENT REEL: 018664 FRAME: 0988

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First or Sole Inventor:

Signature:

Idyl Idyun Kyung

Date: 160. 27th 2006

REFERENCE NO.: SAM-0547CIP J:SAM/0547CIP/assignment.wpd

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**RECORDED: 12/01/2006**