FORM PTO-1595 RECORDATIO (Rev. 6-93) RECORDATIO OMB No. 0651-0011 (exp. 4/**) PAT	ON FORM 06-12-2003 MENT OF COMMERCE ent and Trademark Office
To the Honorable Commission phagatents and Trad	lemarks: Pleas 100171119 conv thereof
1 Name of conveying party(iet):	2. Name and address of receiving party(ies):
Ki-Young Lee Sang-Hoon Park	Name: Samsung Electronics, Co., Ltd.
TO TO THE MARK OFFICE	Internal Address:
Additional name(s) of conveying party(ies) attached?	⊠ No
3. Nature of conveyance:	Street Address: 416, Maetan-dong, Paldal-gu, Suwon-city, Kyungki-do, Republic of Korea
□ Assignment □ Merger	Suwon-city, Kyungki-uo, Republic of Rolea
☐ Security Agreement ☐ Change of ☐ Other	of Name City: State ZIP
Execution Date: April 25, 2003	Additional name(s) & address attached? ☐ Yes ⊠ No
A. Patent Application No.(s) U.S. Serial No. 10/393,093, filed March 20, 2003 Additional numbers attached? Yes No	
5. Name and address of party to whom correspondence cond document should be mailed:	cerning 6. Total number of applications and registrations involved
Name: Steven M. Mills	
Internal Address: MILLS & ONELLO LLP	7. Total fee (37 CFR 3.41) \$40.00
	⊠ Enclosed
Street Address: Flore December Switz 605	Authorized to be charged to deposit account 8. Deposit Account Number:
Street Address: Eleven Beacon Street, Suite 605	- Beposit Recount Values I
City: Boston State MA ZIP	02108 (Attach duplicate copy of this page if paying by deposit account)
DO NOT USE THIS SPACE	
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. 06/11/2003 DEFRUE 00000264 10393093 01 FC: 1897 tven M. Mills Reg. No. 36,610 Name of Person Signing Signature Date	
Total number of pages including cover sheet, attachments, and document 3	

Mail documents to be recorded with required cover sheet information to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Reference No.: SAM-0431

ASSIGNMENT

We, Ki-Young Lee, of 107-1201, Doosan Apt., 282 Byungjum-ri, Taean-eup, Hwasung-kun, Kyunggi-do, Republic of Korea and Sang-Hoon Park, of 206-1001, Woncheon Jugong 2 danji Apt., Woncheon-dong, Paldal-gu, Suwon-shi, Kyunggi-do, Republic of Korea; having invented improvements in SEMICONDUCTOR DEVICE WITH ANALOG CAPACITOR AND METHOD OF FABRICATING THE SAME described in an application for Letters Patent of the United States, Serial No. 10/393,093, filed March 20, 2003, 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, Maetandong, Paldal-gu, Suwon-city, Kyungki-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 our 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 We do also hereby sell, assign, and transfer unto the Assignee, all our 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 We do hereby authorize the Assignee to apply in our 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, We do hereby agree for ourselves and for our 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 We 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 We do hereby covenant for ourselves and our legal representatives and agree with the Assignee, that We 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 us, and that We have not executed and will not execute any instruments in conflict herewith.

Page 1 of 2

Reference No.: SAM-0431

First or Sole Inventor:

Signature:

Ki-Voung Lee

Date: Apride, 2003

Second Joint Inventor:

Signature:

Sang-Hoon Park

Date: hpr. 25. 2003

REFERENCE NO.: SAM-0431 J:\SAM\0431\revisedassignment.wpd



PATENT Attorney Docket No.: SAM-0431

STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Ki-Young Lee, et al.

Serial No.:

10/393,093

Filing Date: Title:

March 20, 2003

SEMICONDUCTOR DEVICE WITH ANALOG CAPACITOR AND MEMORY

OF FABRICATING THE SAME

CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8

I hereby certify that this correspondence is being deposited with the United States Post Office as First Class Mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Examiner: Not yet assigned

Group Art Unit: 2811

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

TRANSMITTAL LETTER

Sir:

Please find enclosed herewith for filing in the above-identified patent application the following:

- 1. Assignment Recordation Form Cover Sheet - PTO-1595;
- 2. Executed Assignment;
- 3. Check in the amount of \$40.00 to cover recordation fee; and
- Return Postcard. 4.

In connection with the foregoing matter, please charge any additional fees which may be due, or credit any overpayment, to Deposit Account Number 50-1798. A duplicate copy of this letter is provided for this purpose.

Respectfully submitted,

MILLS & ONELLO LLP

Eleven Beacon Street, Suite 605

RECORDED: 06/06/2003

Boston, MA 02108 Phone: (617) 994-4900 Facsimile: (617)742-7774

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Steven M. Mills

Registration Number 36,610 Attorney for Applicants

PATENT

REEL: 014145 FRAME: 0757