07-16-1998

Attorney Docket No. 14416-4

FORM PTO-1595	U.S. Department of Commerce
(Rev. 6-93) 100766(066 Patent and Trademark Office
To the Honorable Asst. Commissioner for 1007660 1. Name of conveying party(ies):	Nome and address of radiating part (inc)
Samsung Semiconductor, Inc.	2. Name and address of receiving party(ies) Name: Samsung Electronics Co., Ltd.
outhouring destriberhousers, into.	France Control of Cont
Additional name(s) of conveying parties attached? ☐ Yes ☑ No.	Internal Address:
	Street Address: 250, 2-Ka Taepyung-Ro Chung-Ku
3. Nature of conveyance:	City: Seoul State: Korea ZIP:
	Additional names and addresses attached? ☐ Yes ☒ No
Security Agreement Change of Name	
Other:	
Execution Date: June 30, 1998	
Application Number(s) or Patent Numbers.	
If this document is being filed together with a new application, the	execution date of the application is:
A. Patent Application No(s):	B. Patent No(s): 5,153,450
Additional numbers attached	? ☐ Yes ☒ No
Name and address of party to whom correspondence concerning document should be mailed:	Total number of applications and patents involved 1
Name: Charles E. Krueger	7. Total fee (37 CFR 3.41):\$40
TOWNSEND AND TOWNSEND AND CREW LLP Two Embarcadero Center, 8 th Floor Son Emparicae, California 044144, 2824	☐ Enclosed ☑ Charge Fees to Deposit Account
San Francisco, California 94111-3834 (415) 576-0200	☑ Charge any additional fees associated with this paper or du
(110) 010 0200	the pendency of this application, or credit any overpayment, to
	deposit account.
	8. Deposit account number: 20-1430
	SE THIS SPACE
Statement and signature.	
To the best of my knowledge and belief, the foregoing is original document.	true and correct and any attached copy is a true of copy of the
Mr Ekne	7/1/98
Charles E. Krueger Name of Person Signing Signature	
Atty Reg. No. 30,077 Total number of pag	es including cover sheet, attachments and document 2
10. Change Correspondence Address to that of Part 5?	Yes No
OMB No. 0651-0011 (exp. 4/94)	
Mail documents to be recorded with required cover to:	tach this portion
(1/1) MODULES ANAMATE ENTITS STORING I	ssioner for Patents Assignments
	on, D.C. 20231

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PATENT ASSIGNMENT

SAMSUNG SEMICONDUCTOR, INC., of 3655 North First St., San Jose, CA 95134, is sole owner of U.S. Patent Number 5,153,450, dated October 6, 1992, for PROGRAMMABLE OUTPUT DRIVE CIRCUIT.

WHEREAS, SAMSUNG ELECTRONICS CO., LTD., of Samsung Main Building, 250, 2-Ka, Taepyung-Ro, Chung-Ku, Seoul, Korea, wishes to purchase all SAMSUNG SEMICONDUCTOR, INC.'s rights to and under the patent.

Therefore, for valuable consideration, the receipt of which is hereby acknowledged, SAMSUNG SEMICONDUCTOR, INC. hereby assigns all its right, title and interest in the patent to SAMSUNG ELECTRONICS CO., LTD. for the entire term of the patent and any reissues, reexaminations or extensions thereof.

SAMSUNG SEMICONDUCTOR, INC.

By: Young Bae Rha

Title: President

STATE OF CALIFORNIA)

SS.

COUNTY OF Grave Mare 1998, before me, Yun J. Kuch , personally appeared Young Take Pha , personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.



NOKAKANAOBLIG

My Commission Expires: May 28, 2000

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RECORDED: 07/10/1998

PATENT REEL: 9297 FRAME: 0841