01-03-2002 U.S. DEPARTMENT OF COMMERCE FORM PTO-1595 (Modified) (Rev. 03-01) Patent and Trademark Office OMB No. 0651-0027 (exp.5/31/2002) 12/21/01 P08A/REV03 Tab settings → → To the Honorable Commissioner of Patents and Tradellians 32784 ached original documents or copy thereof. 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): 5. LEE, Jae-han 1. YOO, Ji-vong Name: SAMSUNG ELECTRONICS CO., LTD. 2. LEE, Dae-youp 3. LEE, Jeung-woo Address: 716, Maetan-dong, Paldal-gu, 4. LEE, Suk-joo ☐ Yes 🏻 No Additional names(s) of conveying party(ies) 3. Nature of conveyance: ☐ Merger ★ Assignment City: Suwon-city, Kyungki-do State/Prov.: Change of Name ☐ Security Agreement Country: Republic of Korea ZIP: □ Other Execution Date: December 11, 2001 ☐ Yes ⊠ No Additional name(s) & address(es) 4. Application number(s) or patent numbers(s): If this document is being filed together with a new application, the execution date of the application is: December 11, 2001 B. Patent No.(s) Filing date Patent Application No. **DECEMBER 21, 2001 NEW** 10023982 ☐ Yes 🏻 No Additional numbers 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: Name: ADAM C. VOLENTINE 7. Total fee (37 CFR 3.41):....\$ 40.00 Enclosed - Any excess or insufficiency should be 33289 Registration No. credited or debited to deposit account Address: VOLENTINE FRANCOS, PLLC ☐ Authorized to be charged to deposit account 12200 SUNRISE VALLEY DRIVE, SUITE 150 8. Deposit account number: 50-0238 _____ State/Prov.: VA City: RESTON (Attach duplicate copy of this page if paying by deposit account) ZIP: 20191 Country: U.S.A. 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. DEC. 21, 2001 ADAM C. VOLENTINE Date Signature Name of Person Signing Total number of pages including cover sheet, attachments, and Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments

PATENT

REEL: 012404 FRAME: 0801

Docket No.: SEC.901

VOLENTINI FRANCOS, PLLO		
(9/2001)	In consideration of the sum of One Dollar $(\$1.00)$ and other good and valuable consideration paid to each of the undersigned	
Insert Name(s) of Inventor(s)	YOO, Ji-yong	
	LEE, Dae-youp	
•	LEE, Jeung-woo	
	LEE, Suk-joo	
	LEE, Jae-han	
Insert Name(s) of Assignee(s)	the undersigned hereby sell(s) and assign(s) to	
Address	SAMSUNG ELECTRONICS CO., LTD.	
	of 416, Maetan-dong, Paldal-gu, Suwon-city, Kyungki-do, Republic of Korea	
Title of Invention	thereinafter designated as the Assignee) the entire right, title and interest for the United States as defined in 3: USC 100, in the invention known as	
	METHOD OF FORMING A PATTERN USING A PHOTORESIST WITHOUT EXPOSING THE	
Date of Signing	PHOTORESIST AND SILICIDATION METHOD INCORPORATING THE SAME	
of Application	for which an application for patent in the United States of America has been executed by the undersigned	

1006, 11 99°C no

The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division or reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

Page 1 of 2

	plentine, Reg. No. 33,289 and William S. Francos, Reg. No. 38,456, and wer to insert on this assignment any further identification which may be
	of the United States Patent Office for recordation of this document.
In witness whereof, executed by the undersign	ned on the date(s) opposite the undersigned name(s).
Date Dec. . wo , Name of Inventor Date Dec. . 200 , Name of Inventor	Ji-Yong You
Date Vec : [1. 55], Name of inventor	Ji-yong YOO
Date <u>Dec.</u> // . wo/ , Name of Inventor	Dae Youp Lee
Date Apr. 11. 2001 Name of Inventor	Dae-your LEE
, Name of inventor	Jeung-won LEE .
Date Oec. //. 200/, Name of Inventor	Suk-jos Lee
Data Dec 11 2001 Name of Inventor	Suk-joo LEE Tao han 166
Date, Ivanie of inventor	Jae-han LEE
not required. If not acknowledged, then it is reco	dgment: Acknowledgment before a United States Consul is preferred but commended that the execution by the Inventor(s) be witnessed by at least arrent practice of the U.S. Patent and Trademark Office is to record an ed and/or witnessed.)
Witness	
Witness	
ACKNO	OWLEDGMENT
ss	
This day of	, 19, before me personally came the above-named
	to me personally known as the
individual(s) who executed the foregoing assignment, who was free will for the purposes therein set forth.	no did acknowledge to me that he (they) executed the same of his (their)
	Official Signature
SEAL	Official organical
	Official Title
***********	**********
Applicant Reference No.: SS-15220-US	Atty Docket No.:SEC.901
Serial No.:	_Filing Date:
	Page 2 of 2

RECORDED: 12/21/2001

PATENT REEL: 012404 FRAME: 0803