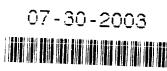


FORM PTO-1595 1-31-92



U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

Docket No.: 6192.0281.AA

To the Honorable Commissioner of Patents and 1 rauemains.	iginal documents or copy thereof.
1. Name of conveying party(ies): 7-24-03	2. Name and address of receiving party(ies):
Hong-Sick PARK; Jin-Ho JU; Yu-Kyung LEE; Sung-Chul KANG; Sae-Tae OH; Doek-Man KANG	Name: Samsung Electronics Co., Ltd.
Additional names of conveying party(ies) attached?	Internal Address:
yes no	Street Address: 416, Maetan-dong, Paldal-ku
3. Nature of Conveyance	City: Suwon-city, Kyunggi-do State or Country: The Republic of KOREA
	Additional name(s) & address(es) attached? yes no
Execution Date: June 18, 2002	
4. Application number(s) or patent number(s):	
Title: THINNER FOR RINSING PHOTORESIST AND METHOD OF TREATING PHOTORESIST LAYER	
If this document is being filed together with a new application, the execution date of the application is	
A. Patent Application No(s). 10/169,033	filed on June 25, 2002
B. Patent No(s).	
B. Patent No(s).	
B. Patent No(s). Additional numbers attac	hed? Yes No
Additional numbers attac 5. Name and address of party to whom correspondence	hed?
Additional numbers attac 5. Name and address of party to whom correspondence concerning document should be mailed:	
5. Name and address of party to whom correspondence concerning document should be mailed: Hae-Chan Park, Esq. McGuireWoods LLP	6. Total number of applications and patents involved: 1
Additional numbers attac 5. Name and address of party to whom correspondence concerning document should be mailed: Hae-Chan Park, Esq.	6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41): \$40.00
5. Name and address of party to whom correspondence concerning document should be mailed: Hae-Chan Park, Esq. McGuireWoods LLP 1750 Tysons Boulevard, Suite 1800	6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41): \$40.00 ☐ Enclosed ☐ Authorized to be charged to deposit account ☐ Total fee due
5. Name and address of party to whom correspondence concerning document should be mailed: Hae-Chan Park, Esq. McGuireWoods LLP 1750 Tysons Boulevard, Suite 1800	6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41): \$40.00 ☐ Enclosed ☐ Authorized to be charged to deposit account ☐ Total fee due ☐ Any deficiencies in the enclosed fees
5. Name and address of party to whom correspondence concerning document should be mailed: Hae-Chan Park, Esq. McGuireWoods LLP 1750 Tysons Boulevard, Suite 1800 McLean, Virginia 22102	6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41): \$40.00 ☐ Enclosed ☐ Authorized to be charged to deposit account ☐ Total fee due ☐ Any deficiencies in the enclosed fees 8. Deposit account number: 23-1951
5. Name and address of party to whom correspondence concerning document should be mailed: Hae-Chan Park, Esq. McGuireWoods LLP 1750 Tysons Boulevard, Suite 1800 McLean, Virginia 22102 9. Statement and signature To the best of my knowledge and belief, the foregoing information of the state of the stat	6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41): \$40.00 ☐ Enclosed ☐ Authorized to be charged to deposit account ☐ Total fee due ☐ Any deficiencies in the enclosed fees 8. Deposit account number: 23-1951 ation is true and correct and any attached copy is a true copy ☐ July 24, 2003

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ASSIGNMENT OF INVENTION

WHEREAS, WE, Hong-Sick PARK, Jin-Ho JU, Yu-Kyung LEE, Sung-Chul KANG, Sae-Tae OH, and Doek-Man KANG have invented certain new and useful improvements in THINNER FOR RINSING PHOTORESIST AND METHOD OF TREATING PHOTORESIST LAYER for which a patent application has been executed.

AND WHEREAS, Samsung Electronics Co., Ltd. having a principal place of business at 416, Maetan-dong, Paldal-gu, Suwon-si, Gyeonggi-do, The Republic of KOREA, referred to as Assignee, is desirous of acquiring our interest in said invention and in any Letters Patent which may be granted therefor.

NOW THIS INDENTURE WITNESSETH, That for a valuable consideration, the receipt of which is hereby acknowledged, we hereby assign, sell and transfer unto the said assignee, the entire right, title and interest in and to inventions disclosed in said application and in and to any Letters Patent of the United States and in and to any Letters Patent or Inventor's Certificates of any and all foreign countries which may be granted therefor, and in and to any and all priority and/or Convention rights or benefits accruing or to accrue to me with respect to the filing or securing of patents in the United States and/or securing of patents or inventor's certificates in any and all countries foreign thereto.

AND WE hereby grant to assignee the right to apply in its own name for patents or inventor's certificates corresponding to the above invention in countries foreign to the United States.

AND WE hereby further agree to sign and properly execute such necessary and lawful papers for application for foreign patents and inventor's certificates for filing applications for United States, foreign patents and inventor's certificates for subdivisions of any applications for patent or inventor's certificate and/or for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid invention and to perform such further acts as may be required to carry out the intent of this agreement as the assignee thereof shall hereafter require and prepare at assignee's expense.

Dated: June 18, 2002

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RECORDED: 07/24/2003

PATENT REEL: 014316 FRAME: 0640