US008007



Form PTO 1595 U.S. Dept. of Commerce (Rev. 6-93)101355353 tent and Trademark Office To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 2. Name and address of receiving party(ies): Name of conveying party(ies): TAMMY ZHENG Philips Electronics North America Name: Corporation Additional name(s) of conveying party(ies) atta Internal Address: Yes Nο X Nature of conveyance: Street Address: 1251 Avenue of the Americas х Assignment Merger City: New York State: NY Zip: 10020-11 Security Agreement hange of Terms Additional name(s) & address(es) attached? Other _ Yes No x Execution Date: 04/24/00 4. Application number(s) or patent number(s): 09 557383 If this document is being filed together with a new application, the execution date of the application 04/24/00.A. Patent Application No.(s) B. Patent No.(s) NONE YET Additional numbers attached? Yes No X 5. Name and address of party to whom correspon concerning document should be mailed: 6. Total number of applications and patents involved: 1 Name: Philips Electronics North America Corporation Total fee (37 CFR 3.41) ...\$40.00 Internal Address: __ Enclosed Authorized to Deposit Accoun X Street Address: PHILIPS SILICON VALLEY CENTER 1000 WEST MAUDE AVENUE Deposit Account Number: 14-1270 City: SUNNYVALE State: <u>CA</u> Zip: <u>94086-2810</u> (Attach duplicate copy of this page paying by deposit account) DO NOT USE THIS SPACE Statement and signature.

Mail documents to be recorded with required cover sheet information to:

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Commissioner of Patents and Trademarks Box Assignments

To the best of my knowledge and belief, the foregoing information is true and correct and any

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Peter Zawilski, Reg. 43,305 Name of Person Signing

PATENT REEL: 010769 FRAME: 0061

SOLE/JOINT ASSIGNMENT

Docket No. PH-US 008007

For good and valuable consideration, I, as a below-named Assignor, hereby sell, assign, and transfer the entire right, title, and interest in the following to Philips Electronics North America Corporation, a corporation having a place of business at 1251 Avenue of the Americas, New York, NY 10020-1104, its successors, assigns, and legal representatives, including any nominees (collectively "the Assignee"):

STACK as describ [X] []	Jour invention relating to HARD MASK PROCESS TO CONTROL ETCH PROFILES IN A GATE ed in the U.S. patent application executed concurrently herewith, executed on, iled in the United States Patent and Trademark Office	
on	as Serial Number,	
	foregoing application and all other U.S. and foreign patent applications based thereon, including ions, reissues, and extensions, and	
(3) all	patents granted on these applications.	
extent. Upon reque proceedings includinecessary, desirable	rovide my cooperation to enable the Assignee to enjoy the foregoing right, title, and interest to the fullest at the expense of the Assignee, I agree to execute all papers, take all rightful oaths, testify in all legang patent prosecution actions and infringement actions, and do all other such acts which may be a, or convenient for securing and maintaining patents on the foregoing invention or for perfecting title nee. I authorize and request that these patents be issued to the Assignee.	es 1
I certify	that I have the full right to convey the above rights.	
4/24/2000 Date	(signature*) Tammy Shert, Assignor TAMMY ZHENG	

PATENT RECORDED: 04/25/2000 REEL: 010769 FRAME: 0062