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SHEET U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 1 Name of conveying party(ies): Name and address of receiving party(ies): Taiwan Semiconductor Manufacturing Co. Ltd. Ching-Hui Kuo No. 121 Park Avenue 3 Jheng-Tong Wu Science-Based Industrial Park Chih-Hsien Chang Hsin-Chu, Taiwan, R.O.C. Nature of conveyance: Additional name(s) & address(es) attached □ Yes ⊠ No Assignment Merger 0984664/ ☐ Security Agreement Change of Name Other: Execution Date: March 6, 2001 4 Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: 03-06-01 A. Patent Application No(s). B. Patent No(s) Additional numbers attached? □ Yes ☑ No Total number of applications and patents involved: 5 Name and address of party to whom correspondence concerning document should be mailed: RANDY W. TUNG Total fee (37 CFR 3.41) \$40.00 Tung & Associates 838 W. Long Lake Road **Enclosed** Suite 120 Bloomfield Hills, Michigan 48302 Authorized to be charged to deposit account Deposit Account Number: 50-0484 (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. Randy W. Tung Name of Person Signing Signature Registration No. 31,311 Total number of pages including cover sheet, attachments, and document : 3

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

67,200-382

PATENT REEL: 011771 FRAME: 0857

ASSIGNMENT

WHEREAS, we, <u>CHING-HUI KUO, JHENG-TONG WU and CHIH-HSIEN</u>

CHANG have invented certain improvements in QUICK COUPLER FOR MOUNTING A

ROTATIONAL DISK for which we are about to make application for Letters Patent of the United

States; and

WHEREAS, TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD. of No. 121, Park Avenue 3, Science-Based Industrial Park, Hsin-Chu, Taiwan, R.O.C, is desirous of acquiring the entire right, title and interest in and to said invention;

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PATENT REEL: 011771 FRAME: 0858 and any Letters Patent that may be granted in pursuance of said application and any divisional, continuation or continuation-in-part application thereof, and in and to any reissue of any such patent, and in and to any patent applications which may be filed on said invention in countries foreign to the

United States and any Letters Patent granted thereon.

We further authorize said corporation to apply for foreign patents on said invention in its own name or through its designees, including subsidiaries, related companies or assignees, under the International Convention or otherwise, and we further agree to execute all papers, including those required for the United States and foreign applications, and to perform such other proper acts as said corporation or its designees the rights herein assigned.

Ching-b-in Rus
CHING-HUI KUO

CHIH-HSIEN CHANG

TUNG & ASSOCIATES 838 W. Long Lake Road Suite 120 Bloomfield Hills, Michigan 48302

RECORDED: 05/01/2001

PATENT REEL: 011771 FRAME: 0859

JHZNG-TONG WU