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COVER SHEET U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office -Y

To the Honorable Commissioner of Patents and Trademarks 102093763

the attached original documents or copy thereof.

1 Name of conveying party(ies):

Kwen-Mu Shien
Fu-Sun Lo
Ray-Chung Peng

5-6-02

2 Name and address of receiving party(ies):

Taiwan Semiconductor Manufacturing Co. Ltd.
No. 121 Park Avenue 3
Science-Based Industrial Park
Hsin-Chu, Taiwan, R.O.C.

11046 U.S. PTO
10/140401
05/06/02

3 Nature of conveyance:

- Assignment Merger
 - Security Agreement Change of Name
 - Other:
- Execution Date: January 14, 2002

Additional name(s) & address(es) attached Yes No

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: 01-14-02

A. Patent Application No(s). 10,140,401

B. Patent No(s)

Additional numbers attached? Yes No

5 Name and address of party to whom correspondence concerning document should be mailed:

RANDY W. TUNG
Tung & Associates
838 W. Long Lake Road
Suite 120
Bloomfield Hills, Michigan 48302

6 Total number of applications and patents involved:

1

7 Total fee (37 CFR 3.41) \$40.00

- Enclosed
- Authorized to charge credit card (w/filing fee)

8 Deposit Account Number: 50-0484

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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
Registration No. 31,311

Signature

May 6, 2002
Date

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

PATENT
REEL: 012890 FRAME: 0190

ASSIGNMENT

WHEREAS, we, KWEN-MU SHIEN, FU-SUN LO and RAY-CHUNG PENG, have
invented certain improvements in

METHOD AND APPARATUS FOR TESTING CASSETTE POD DOOR


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;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and
valuable consideration, the receipt of which is hereby acknowledged, we, KWEN-MU SHIEN, FU-
SUN LO and RAY-CHUNG PENG, by these presents, do hereby sell, assign and transfer unto the
said corporation and its assigns, for the territory of the United States of America and all foreign
countries, the entire right, title and interest, including all priority rights under the International
Convention associated with each country of the Union, in and to said invention as described in the
patent application executed by us on the _____ day of _____, 200__, preparatory
to obtaining Letters Patent of the United States thereon, and in and to said application 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.


KWEN-MU SHIEN

 Jan 10' 2002
FU-SUN LO

 01/14/02
RAY-CHUNG PENG

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