

10/18/05

Re 3-6'06

PTO-1595

RECOR

03-08-2006

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office



103193634

Original documents or copy thereof.

To the Honorable Commissioner of Patents and

1 Name of conveying party(ies):

DAVID LU  
HORNG-HUEI TSENG  
SYUN-MING JANG

2 Name and address of receiving party(ies):

Taiwan Semiconductor Manufacturing Co. Ltd.  
No. 8, Li-Hsin Rd. 6  
Science-Based Industrial Park  
Hsin-Chu, Taiwan, R.O.C.

113013 U.S. PTO  
11/252498

101805

3 Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name

Other:  
Execution Date: 10/11/2005

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:

A. Patent Application No(s).

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:  
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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

10/18/05

Date

Total number of pages including cover sheet, attachments, and document : 3

67,200-1349

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

10/21/2005 MAHME1 00000032 11252498

04 FC:8021

40.00 OP

PATENT  
REEL: 017632 FRAME: 0767

**ASSIGNMENT**

WHEREAS, we, DAVID LU, HORNG-HUEI TSENG, and SYUN-MING JANG,  
have invented certain improvements in:

**ANCHORED DAMASCENE STRUCTURES**

for which we are about to make application for Letters Patent of the United States; and

WHEREAS, TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD. of  
No. 8, Li-Hsin Rd. 6, 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, DAVID LU, HORNG-  
HUEI TSENG, and SYUN-MING JANG, 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 11th day of October,  
2005, 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.

✓ David Lu  
DAVID LU

✓ Horng-Huei Tseng  
HORNG-HUEI TSENG

✓ Syun-Ming Jang  
SYUN-MING JANG

**TUNG & ASSOCIATES**  
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