

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Huan-Liang Tzeng	12/22/2003
Jeng-Horng Hsieh	12/22/2003
Jung-Hsiang Chang	12/22/2003
RECEIVING PARTY DATA	
Name:	Taiwan Semiconductor Manufacturing Co., Ltd.
Street Address:	No. 8, Li-Hsin Road 6
Internal Address:	Science-Based Industrial Park
City:	Hsin-Chu
State/Country:	TAIWAN
Postal Code:	300-77
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	10762165
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	N1085-90168
NAME OF SUBMITTER:	Steven E. Koffs

Total Attachments: 2
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PATENT
REEL: 020007 FRAME: 0357

CH \$40.00 10762165

Serial No. 10/762,165

Filed: 10/24/2007

TS03-300

For U.S. and/or Foreign Rights

For Application or U.S. Patent

By Inventor(s) or Present Owner

ASSIGNMENT OF INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNOR:

HUAN-LIANG TZENG
Type or print name of ASSIGNOR
No 20 Lane 247 N.oupu Rd
Address
Hsinchu City 300 Taiwan (R.O.C)
Republic of china, Taiwan
Nationality

JENG-HORNG HSIEH
Type or print name of ASSIGNOR
No 23 Lane 271 Wanhua Se, Tai fen
Address
Township, Miaoli County-351, Taiwan (R.O.C)
Republic of china, Taiwan
Nationality

JUNG-HSIANG CHANG
Type or print name of ASSIGNOR
No 202 Sec 3 Wen Dai Rd
Address
Hsinpu town, Hsin chu Country 305 Taiwan (R.O.C)
Republic of china, Taiwan
Nationality

do hereby sell, assign and transfer to

ASSIGNEE:

Taiwan Semiconductor Manufacturing Co. Ltd
No. 8, Li-Hsin Rd. 6
Science-Based Industrial Park
Hsin-Chu, Taiwan 300-77
Taiwan, R.O.C.
Nationality

and the successors, assigns and legal representatives of the ASSIGNEE

(complete one of the following)

- the entire right, title and interest
- an undivided _____ percent (___%) interest for the United States and its territorial possessions
(check the following box if foreign rights are also to be assigned)
- and in all foreign countries

in and to any and all improvements which are disclosed in the invention entitled:

Center Ball O-Ring

and which is found in

- (a) U.S. patent application executed on even date herewith
- (b) U.S. patent application executed on _____
- (c) U.S. application serial no. _____ filed on _____
- (d) U.S. patent no. _____ issued _____
(also check (e) if foreign application(s) is also being assigned)
- (e) and any legal equivalent thereof in a foreign country, including the right to claim priority

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute, thereof, and as to letters patent any re-issue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I / We have signed this
12/22/2003 (Date of signing)

WARNING Date of signing must be the same as the date of execution of the application if item (a) was checked above.

Huan - Liang Tseng
Signature of ASSIGNOR(S)
Teng - Horng Hsieh
JUNG - HOSSANG CHANG

If ASSIGNOR is a legal entity complete the following information

Type or print the name of the above person authorized to sign on behalf of ASSIGNOR

Title

Note: No witnessing, notarization or legalization is necessary, if the assignment is notarized or legalized then it will only be prima facie evidence (35 USC 261). Use next page if notarization is desired.

___Notarization or Legalization Page Added.