

08-04-1998

IN THE UNITED STATES



MARK OFFICE

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Primary Docket No. 7268-000153

7-27-98

**COVER SHEET FOR RECORDAL OF DOCUMENT (PATENT)**



Hon. Commissioner of Patents and Trademarks  
Washington, D.C. 20231

Sir:

Pursuant to 37 C.F.R. 3.31, enclosed herewith is a document for recordal in this case. The following information is provided:

(1) **Name Of Party Conveying The Interest:**

Shye-Lin Wu

(2) **Name And Address Of Party Receiving The Interest:**

Acer Semiconductor Manufacturing Inc.  
No. 6, Creation Rd. 2, Science-Based Industrial Park  
Hsinchu, TAIWAN, R.O.C.

(3) **Description Of The Transaction To Be Recorded:**

Assignment     License  
 Change of Name     Other \_\_\_\_\_

(4) **Application(s) and/or Patent(s) Against Which Enclosure Is To Be Recorded:**

07/30/1998 SBRVIS  
02 FC:581

00000043 09/12/98  
 Serial Number \_\_\_\_\_, filed \_\_\_\_\_  
 Application being filed concurrently herewith.  
 Patent Number \_\_\_\_\_, issued \_\_\_\_\_

(5) **Name And Address Of The Party To Whom Correspondence Concerning The Request To Record Should Be Mailed:**

Thomas T. Moga  
HARNES, DICKEY & PIERCE, P.L.C.  
P.O. Box 828  
Bloomfield Hills, MI 48303

(6) **Number Of Applications and/or Patents Identified In The Cover Sheet And Total Recordal Fee:**

Number of Applications/Patents: . . . 1 \_\_\_\_\_

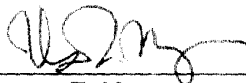
Total Recordal Fee Enclosed: . . . \$40.00 \_\_\_\_\_

(7) **Date(s) The Document Was Executed:** July 13, 1998

To the best of my knowledge and belief, the foregoing information is true and correct, and if the attached is not an original document, the undersigned verifies that it is a true copy of the original.

If, for some reason, Applicant has not paid a sufficient fee, please charge our Deposit Account No. 08-0750 for any further fees which may be due. A duplicate copy of this document is enclosed.

Respectfully submitted,

By:  \_\_\_\_\_  
Thomas T. Moga  
Reg. No. 34,881  
Attorney for Applicant

Date: July 27, 1998

## ASSIGNMENT

This assignment agreement is applicable to an invention entitled (Invention Title) \_\_\_\_\_  
VOID-FREE AND VOLCANO-FREE TUNGSTEN-PLUG FOR ULSI INTERCONNECTION

The PATENT RIGHTS referred to in this agreement are:

(check one)  a patent application for this invention, executed by the ASSIGNOR(S)  
 concurrently with this assignment.

U.S. patent application Serial No. \_\_\_\_\_, filed \_\_\_\_\_

a U.S. patent application based on PCT International Application  
 No. \_\_\_\_\_ filed on (date) \_\_\_\_\_ (U.S. patent application  
 Serial No. \_\_\_\_\_, if known).

U.S. patent No. \_\_\_\_\_, issued \_\_\_\_\_.

The PATENT RIGHTS also include all divisions, reissues, continuations and extensions of  
 the patents and patent applications identified above.

The PATENT RIGHTS assigned under this agreement are:

(check one)  U.S. patent rights only

Worldwide patent rights. In this case, the assignee shall have the right to  
 claim the benefit of the filing date of any U.S. or foreign patent application  
 for this invention.

The ASSIGNOR(S) referred to in this agreement is (or are) the inventor(s) whose signatures  
 appear on page 2 of this Assignment and any Supplemental Sheet(s).

The ASSIGNEE referred to in this agreement is:

(Name of Assignee) Acer Semiconductor Manufacturing Inc.

(Address) NO.6, CREATION RD.2, SCIENCE-BASED INDUSTRIAL PARK, HSINCHU,  
TAIWAN, R.O.C.

The ASSIGNEE is:

(check one)  An individual.

A Partnership.

A Corporation of TAIWAN, R.O.C. (specify state or country)

(other) \_\_\_\_\_

The ASSIGNOR(S), in consideration of \$10.00 paid by the ASSIGNEE, and other good and  
 valuable consideration, receipt of which is acknowledged, hereby assign(s) the following  
 rights to the ASSIGNEE, its successors and assigns:

the full and exclusive right to the invention;

the entire right, title and interest in and to the PATENT RIGHTS;

the right to sue and recover for any past infringement; and

the right to claim priority under 35 USC 119, 35 USC 120, or any other applicable  
 provisions, based on any earlier patent applications for this invention.

PATENT

REEL: 9348 FRAME: 0847

THIS IS PAGE 2 OF AN ASSIGNMENT FROM THE INVENTOR(S) TO  
 ASSIGNEE: Acer Semiconductor Manufacturing Inc.  
 INVENTION TITLE: VOID-FREE AND VOLCANO-FREE TUNGSTEN-PLUG FOR ULSI  
 INTERCONNECTION

As to all U.S. patent applications assigned under this agreement, the ASSIGNOR(S) hereby authorize(s) and request(s) the Commissioner of Patents and Trademark to issue all Letters Patent to the ASSIGNEE as the assignee of the entire right, title and interest, for the sole use and enjoyment of said ASSIGNEE, its successors and assigns.

Further, the ASSIGNOR(S) agree(s) to communicate to said ASSIGNEE, or its representatives, any fact known to the ASSIGNOR(S) with respect to said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal, reexamination and reissue applications, execute all necessary assignment papers to cause and all Letter Patent to be issued to said ASSIGNEE, make all rightful oaths and generally do everything necessary or desirable to aid said ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention.

The ASSIGNOR(S) authorizes the attorneys and agents who have the power of attorney in this application to check any appropriate boxes and to insert the Serial Number and filing date in this document after it has been executed.

<u>Shey-Lin WU</u>	<u>Shey-Lin Wu</u>	<u>2/13/98</u>
Name of sole or first inventor	Signature	Date
_____	_____	_____
Name of second inventor, if any	Signature	Date
_____	_____	_____
Name of third inventor, if any	Signature	Date
_____	_____	_____
Name of fourth inventor, if any	Signature	Date
_____	_____	_____
Name of fifth inventor, if any	Signature	Date
_____	_____	_____
Name of sixth inventor, if any	Signature	Date
_____	_____	_____
Name of seventh inventor, if any	Signature	Date
_____	_____	_____
Name of eighth inventor, if any	Signature	Date

PATENT