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**CONVEYING PARTY(IES):** (Last name first)

CHEN, Linlin                                      Execution Date  
    November 1, 1999

Mark if additional names of conveying parties attached ☐

**RECEIVING PARTY:**

Name:                      Semitool, Inc.  
 Address:                      655 West Reserve Drive  
 City:                      Kalispell  
 State:                      Montana  
 Zip Code:                      59901

Mark if additional names of receiving parties attached ☐

**APPLICATION NUMBER(S) OR PATENT NUMBER(S)**

Mark if additional numbers attached ☐

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).  
 If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named inventor:                      00/00/00

**Patent Application Number(s):**

09/045,245 filed March 20, 1998

**Patent Number(s):**

**TOTAL NUMBER OF PROPERTIES:** Enter the total number of properties involved:

One

**PATENT COOPERATION TREATY (PCT):**

Enter PCT application number only if a U.S. Application Number has not been assigned:

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1

**CORRESPONDENT NAME AND ADDRESS:**

Rockey, Milnamow & Katz, Ltd.  
 Two Prudential Plaza  
 180 North Stetson Avenue, Suite 4700  
 Chicago, Illinois 60601  
 (312) 616-5400

Attorney Docket No. SEM4492P0020US

**FEE AMOUNT:**

Total Fee (37 CFR 3.41) \$40.00

- ☒ Enclosed  
☐ Charge to Deposit Account 04-1644  
☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment, to Deposit Account 04-1644.

**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. Charges to deposit account are authorized, as herein indicated.

11/15/1999 DNGUYEN 00000263 09045245

01 FC:581

Lawrence J. Chapa

Name of Person Signing

40.00 DP

*Lawrence Chapa*

Signature

November 4, 1999

Date

**PATENT**  
**REEL: 010372 FRAME: 0577**

## ASSIGNMENT

Serial No.: 09/045,245

Filing Date: March 20, 1998

Whereas, I, the undersigned Inventor, have invented certain new and useful improvements in:

**APPARATUS AND METHOD FOR ELECTROLYTICALLY DEPOSITING COPPER ON A SEMICONDUCTOR WORKPIECE**

(Hereinafter referred to as "Inventions") for which I am making application for Letters Patent in the United States of America;

And, whereas I desire to assign a 100% undivided interest in said Inventions, said application disclosing the Inventions and any Letters Patent which may be granted therefor to Semitool, Inc. and whereas Semitool, Inc. is desirous of acquiring the entire right, title and interest in the same;

Now, for good and valuable consideration, the receipt whereof is hereby acknowledged;

I hereby assign, sell and transfer the entire right, title and interest in said Inventions, said application, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted for said Inventions, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to me with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto Semitool, Inc.;

Semitool, Inc. is hereby authorized to apply for patents relating to the Inventions in its own name in countries where such procedure is proper; to claim the benefit of the International Convention; to file and prosecute international applications relating to the Inventions under the Patent Cooperation Treaty; and to file and prosecute applications to the Inventions under the European Patent Convention; and I agree to execute applications relating to the Inventions in those countries and under those conventions where it is necessary that the same be executed by the inventor;


I hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States Letters Patent to Semitool, Inc., as assignee of the whole right, title and interest thereto;

I further agree to execute all necessary and lawful future documents, including assignments in favor of Semitool, Inc. or its designees as Semitool, Inc. or its assignees may from time-to-time present to me in order to perfect title in said Invention, applications and Letters Patent of the United States and countries foreign thereto;

I further agree to sign and properly execute such necessary and lawful papers for application for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid Invention, as Semitool, Inc. thereof shall hereafter require and prepare at its own expense.

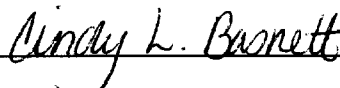
Executed this 1<sup>ST</sup> day of NOVEMBER in the year 1999

At Kalispell, Montana

  
\_\_\_\_\_  
Linlin Chen  
Inventor

State of Montana        )  
                                  ) ss  
County of Flathead     )

Before me personally appeared Linlin Chen, who acknowledged the foregoing instrument to be a free act and deed and also represented that he or she is authorized to execute the same this 1<sup>ST</sup> day of NOVEMBER, in the year 1999.

  
\_\_\_\_\_  
Notary Public for the State of Montana

SEAL

Residing at Kalispell Montana

My Commission Expires on 18 May 2002