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1 SHEET

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**CONVEYANCE TYPE**  
 Assignment  
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 Other  
**U.S. Government**  
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 Department File  Secret File

**CONVEYING PARTY(IES):** (Last name first)  
GRAHAM, Lyndon W.  
TAYLOR, Thomas C.  
RITZDORF, Thomas L.  
LINDBERG, FREDICK A.  
CARPENTER, Bradley C.  
Execution Date  
October 12, 1999  
October 18, 1999  
October 12, 1999  
October 4, 1999  
November 15, 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):** 09/387,084 filed August 31, 1999  
**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:

**NUMBER OF PAGES:**  
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6

**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. SEM4492P0262US

**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.  
01/24/2000 DNGUYEN 00000244 09387084  
01 FD:581  
Lawrence J. Chapa, Reg. No. 39,135  
Name of Person Signing  
Signature  
December 15, 1999  
Date



Executed this 4<sup>th</sup> day of October in the year 1999

At Kalispell, Montana  
(City) (State)

Frederick A. Lindberg  
Frederick A. Lindberg  
Inventor

State of Montana )  
County of Flathead ) ss

Before me personally appeared Frederick A. Lindberg, who acknowledged the foregoing instrument to be a free act and deed and also represented that he is authorized to execute the same this 4<sup>th</sup> day of October, in the year 1999.

Cindy L. Barnett  
Notary Public for the State of Montana  
Residing at Kalispell, Montana  
My Commission Expires on 18 May 2002

\*\*\*\*

Executed this 15<sup>th</sup> day of November in the year 1999

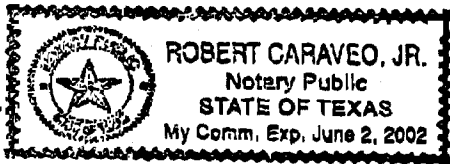
At Austin, Texas  
(City) (State)

Bradley C. Carpenter  
Bradley C. Carpenter  
Inventor

State of Texas )  
County of TRAVIS ) ss

Before me personally appeared Bradley C. Carpenter, who acknowledged the foregoing instrument to be a free act and deed and also represented that he is authorized to execute the same this 15<sup>th</sup> day of November, in the year 1999.

Robert Caraveo, Jr.  
Notary Public for the State of Texas  
Residing at 912 Bastrop Hwy Austin, TX  
My Commission Expires on June 2, 2002

SEAL  
  
ROBERT CARAVEO, JR.  
Notary Public  
STATE OF TEXAS  
My Comm. Exp. June 2, 2002

\*\*\*\*

Executed this \_\_\_\_\_ day of \_\_\_\_\_ in the year 1999

At \_\_\_\_\_  
(City) (State)

\_\_\_\_\_  
Thomas C. Taylor  
Inventor

State of \_\_\_\_\_ )  
County of \_\_\_\_\_ ) ss

Before me personally appeared Thomas C. Taylor, who acknowledged the foregoing instrument to be a free act and deed and also represented that he is authorized to execute the same this \_\_\_\_\_ day of \_\_\_\_\_, in the year 1999.

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

Residing at \_\_\_\_\_

My Commission Expires on \_\_\_\_\_

SEAL

\*\*\*\*

Executed this 12<sup>th</sup> day of October in the year 1999

At Kalispell Montana  
(City) (State)

\_\_\_\_\_  
Thomas L. Ritzdorf  
Inventor

State of Montana )  
County of Grotherick ) ss

Before me personally appeared Thomas L. Ritzdorf, who acknowledged the foregoing instrument to be a free act and deed and also represented that he is authorized to execute the same this 12<sup>th</sup> day of October, in the year 1999.

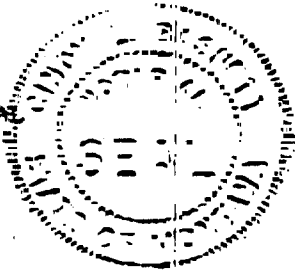
\_\_\_\_\_  
Cindy L. Barnett  
Notary Public for the State of Montana

Residing at Kalispell Montana

My Commission Expires on 18 May 2002

SEAL

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# ASSIGNMENT

Serial No.: 09/387,084

Filing Date: August 31, 1999

Whereas, we, the undersigned Inventors, have invented certain new and useful improvements in:

## METHODS AND APPARATUS FOR CONTROLLING AND/OR MEASURING ADDITIVE CONCENTRATION IN AN ELECTROPLATING BATH

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

And, whereas we 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;

We 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 inventors;

We 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;

We 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 us in order to perfect title in said Invention, applications and Letters Patent of the United States and countries foreign thereto;

We 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 \_\_\_\_\_ day of \_\_\_\_\_ in the year 1999.

At Kalispell, Montana

\_\_\_\_\_  
Lyndon W. Graham  
Inventor

State of Montana            )  
  ) ss  
County of Flathead        )

Before me personally appeared Lyndon W. Graham, who acknowledged the foregoing instrument to be a free act and deed and also represented that he is authorized to execute the same this \_\_\_\_\_ day of \_\_\_\_\_, in the year 1999.

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

Residing at \_\_\_\_\_

My Commission Expires on \_\_\_\_\_

\*\*\*\*

SEAL

Executed this 18<sup>th</sup> day of Oct. in the year 1999

At Wilsonville, Oregon  
(City) (State)



Thomas C. Taylor  
Inventor

State of Oregon  
County of Clackamas ss

Before me personally appeared Thomas C. Taylor, who acknowledged the foregoing instrument to be a free act and deed and also represented that he is authorized to execute the same this 18<sup>th</sup> day of Oct, in the year 1999.



Notary Public for the State of Oregon

Residing at 8231 SW Wilsonville

My Commission Expires on 8-5-03



SEAL

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Executed this \_\_\_\_\_ day of \_\_\_\_\_ in the year 1999

At \_\_\_\_\_, Montana  
(City) (State)

Thomas L. Ritzdorf  
Inventor

State of Montana )  
) ss  
County of \_\_\_\_\_ )

Before me personally appeared Thomas L. Ritzdorf, who acknowledged the foregoing instrument to be a free act and deed and also represented that he is authorized to execute the same this \_\_\_\_\_ day of \_\_\_\_\_, in the year 1999.

Notary Public for the State of Montana

Residing at \_\_\_\_\_

My Commission Expires on \_\_\_\_\_

SEAL

\*\*\*\*

Executed this \_\_\_\_\_ day of \_\_\_\_\_ in the year 1999

At \_\_\_\_\_, Montana  
(City) (State)

\_\_\_\_\_  
Fredrick A. Lindberg  
Inventor

State of Montana )  
) ss  
County of \_\_\_\_\_ )

Before me personally appeared Fredrick A. Lindberg, who acknowledged the foregoing instrument to be a free act and deed and also represented that he is authorized to execute the same this \_\_\_\_\_ day of \_\_\_\_\_, in the year 1999.

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

Residing at \_\_\_\_\_

My Commission Expires on \_\_\_\_\_

SEAL

\*\*\*\*

Executed this \_\_\_\_\_ day of \_\_\_\_\_ in the year 1999

At \_\_\_\_\_, Texas  
(City) (State)

\_\_\_\_\_  
Bradley C. Carpenter  
Inventor

State of Texas )  
) ss  
County of \_\_\_\_\_ )

Before me personally appeared Bradley C. Carpenter, who acknowledged the foregoing instrument to be a free act and deed and also represented that he is authorized to execute the same this \_\_\_\_\_ day of \_\_\_\_\_, in the year 1999.

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

Residing at \_\_\_\_\_

My Commission Expires on \_\_\_\_\_

SEAL

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