

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
EFFECTIVE DATE:	09/26/2007

CONVEYING PARTY DATA

Name	Execution Date
Yoshiki Hishiro	09/26/2007
Scott Sills	09/13/2007
Hiroyuki Mori	09/13/2007
Troy Gugel	09/13/2007
Paul D. Shirley	09/18/2007
Lijing Gou	09/18/2007
Adam Olson	09/13/2007

RECEIVING PARTY DATA

Name:	Micron Technology, Inc.
Street Address:	8000 South Federal Way
Internal Address:	MS 1-525
City:	Boise
State/Country:	IDAHO
Postal Code:	83716

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11868328

CORRESPONDENCE DATA

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*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*  
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PATENT

500370515

REEL: 019927 FRAME: 0167

CH \$40.00 11868328

Address Line 4: Spokane, WASHINGTON 99201-3828

ATTORNEY DOCKET NUMBER:

MI22-3560

NAME OF SUBMITTER:

Mark S. Matkin

Total Attachments: 6

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## **ASSIGNMENT**

### **PARTIES TO THE ASSIGNMENT:**

#### **INVENTORS:**

Yoshiki Hishiro  
Scott Sills  
Hiroyuki Mori  
Troy Gugel  
Paul D. Shirley  
Lijing Gou  
Adam Olson

#### **ASSIGNEE:**

Micron Technology, Inc.  
Corporation of the State of Delaware  
8000 South Federal Way  
Boise, Idaho 83716

### **BACKGROUND OF THIS ASSIGNMENT:**

Inventors have conceived certain new and useful inventions disclosed in a United States patent application titled "Methods of Lithographically Patterning a Substrate".

Micron Technology, Inc. (hereinafter referred to as "ASSIGNEE") desires to acquire the entire right, title and interest in said inventions and with respect to any Letters Patent that may be granted with respect to the inventions in both the United States and in all foreign countries.

### **THE PARTIES AGREE AS FOLLOWS:**

In consideration of good and valuable consideration, the receipt, sufficiency and adequacy of which is hereby acknowledged, INVENTORS have sold, assigned and transferred, and by these presents do hereby sell, assign and

transfer to ASSIGNEE the entire right, title and interest in the above-identified inventions and application and to any reissues, renewals, divisions or continuations of the application thereof, and hereby authorizes the Commissioner of Patents and Trademarks to issue such Letters Patent to ASSIGNEE for the sole use of ASSIGNEE, its successors or assigns.

INVENTORS further agree to execute, at the request and expense of ASSIGNEE such other formal documents as may be required to fully convey the interest transferred herein and will similarly execute any application papers (foreign or domestic) required for the filing of any divisional, continuation, renewal or reissue of the patent application or resulting Letters Patent; and will generally do everything necessary or desirable to obtain and enforce proper protection for the inventions assigned hereby.

INVENTORS further assign to ASSIGNEE the whole right, title and interest in the inventions disclosed in the application throughout all countries foreign to the United States. ASSIGNEE 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 relating to the inventions under the European Patent Convention. INVENTORS 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, and to execute assignments of such applications and the resulting Letters Patent to ASSIGNEE

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as well as all other necessary papers in relation to such applications and the resulting Letters Patent to ASSIGNEE as well as all other necessary papers in relation to such applications and Letters Patent. INVENTORS hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country as proof of the right of ASSIGNEE to apply for patent and other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

To be binding on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

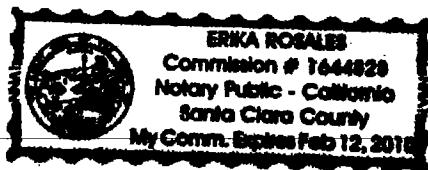
Dated: Sep. 23, 2007

Signature:   
Yoshiaki Hishiro

State of California )  
County of Santa Clara ) ss.

On this 26th day of September, 2007, before me, Erika Rosales, Notary Public (name and title of Notary Official), personally appeared Yoshiaki Hishiro, ~~known or identified to me~~ (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within Assignment, and acknowledged to me that he executed the Assignment in his authorized capacity, and that by his signature on the Assignment, the person executed the Assignment.

SEAL



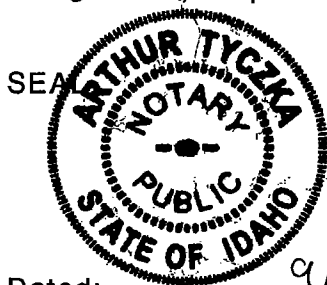
Erika Rosales  
My Commission Expires: Feb. 12, 2010

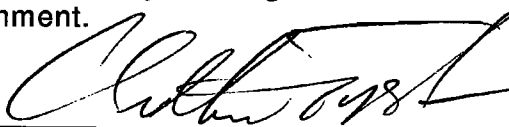
Dated: 9/13/2007

Signature:   
Scott Sills

State of Idaho )  
County of Ada ) ss.

On this 13th day of September, 2007, before me,  
Arthur Tyczka / Patent Asst (name and title of Notary Official),  
personally appeared Scott Sills, known or identified to me (or proved to me on  
the basis of satisfactory evidence) to be the person whose name is subscribed to  
the within Assignment, and acknowledged to me that he executed the  
Assignment in his authorized capacity, and that by his signature on the  
Assignment, the person executed the Assignment.



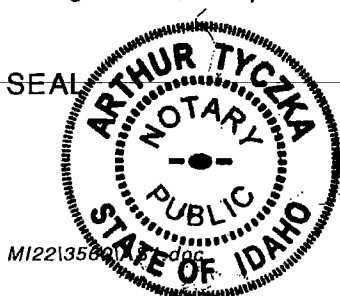
  
My Commission Expires: 3-15-12

Dated: 9/13/07

Signature:   
Hiroyuki Mori

State of Idaho )  
County of Ada ) ss.

On this 13th day of September, 2007, before me,  
Art Tyczka / Patent Asst (name and title of Notary Official),  
personally appeared Hiroyuki Mori, known or identified to me (or proved to me  
on the basis of satisfactory evidence) to be the person whose name is  
subscribed to the within Assignment, and acknowledged to me that he executed  
the Assignment in his authorized capacity, and that by his signature on the  
Assignment, the person executed the Assignment.



  
My Commission Expires: 3-15-12

Dated: 9/13/2007

Signature: Troy Gugel  
Troy Gugel

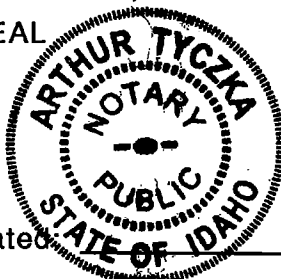
State of Idaho

County of Ada

)  
) ss.  
)

On this 13th day of September, 2007, before me,  
Art Tyczka / Patent Asst (name and title of Notary Official),  
personally appeared Troy Gugel, known or identified to me (or proved to me on  
the basis of satisfactory evidence) to be the person whose name is subscribed to  
the within Assignment, and acknowledged to me that he executed the  
Assignment in his authorized capacity, and that by his signature on the  
Assignment, the person executed the Assignment.

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Arthur Tyczka  
My Commission Expires: 3-15-12

Dated: 9/18/07

Signature: Paul D. Shirley  
Paul D. Shirley

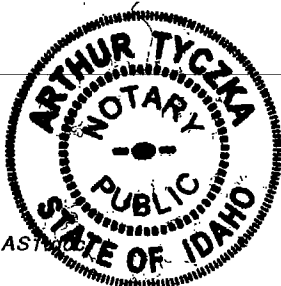
State of Idaho

County of Ada

)  
) ss.  
)

On this 18th day of September, 2007, before me,  
Art Tyczka / Patent Asst (name and title of Notary Official),  
personally appeared Paul D. Shirley, known or identified to me (or proved to me  
on the basis of satisfactory evidence) to be the person whose name is  
subscribed to the within Assignment, and acknowledged to me that he executed  
the Assignment in his authorized capacity, and that by his signature on the  
Assignment, the person executed the Assignment.

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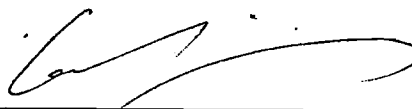


Arthur Tyczka  
My Commission Expires: 3-15-12

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Dated: 9/18/2007

Signature:   
Lijing Gou

State of Idaho

County of Ada

)  
) ss.  
)

On this 18th day of September, 2007, before me,  
Art Tyczka / Notary Asst (name and title of Notary Official),  
personally appeared Lijing Gou, known or identified to me (or proved to me on  
the basis of satisfactory evidence) to be the person whose name is subscribed to  
the within Assignment, and acknowledged to me that he executed the  
Assignment in his authorized capacity, and that by his signature on the  
Assignment, the person executed the Assignment.

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My Commission Expires: 3-15-12

Dated: 9/13/07

Signature:   
Adam Olson

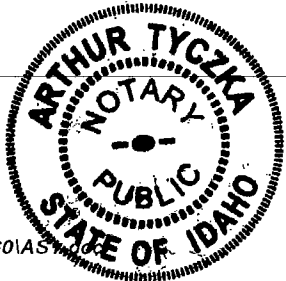
State of Idaho

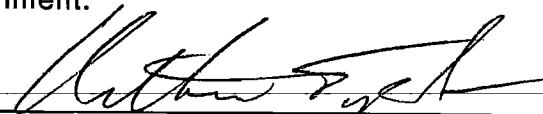
County of Ada

)  
) ss.  
)

On this 13th day of September, 2007, before me,  
Art Tyczka / Notary Asst (name and title of Notary Official),  
personally appeared Adam Olson, known or identified to me (or proved to me on  
the basis of satisfactory evidence) to be the person whose name is subscribed to  
the within Assignment, and acknowledged to me that he executed the  
Assignment in his authorized capacity, and that by his signature on the  
Assignment, the person executed the Assignment.

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My Commission Expires: 3-15-12

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