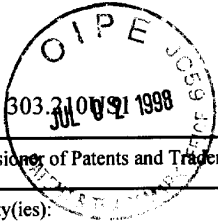


07-15-1998



Atty Ref/Docket No.: 303.310791 1998  
To the Honorable Commissioner of Patents and Tradem.

100764916

1 copy thereof.

1. Name of conveying party(ies):

Douglas J. Cutter and Christophe Pierrat

MRD 7-2-98

Additional name(s) of conveying party(ies) attached? [ ]Yes [X]No

2. Name and address of receiving party(ies):

Name: Micron Technology, Inc.

Street Address: 8000 South Federal Way

City: Boise State: ID ZIP: 83716-9632

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other \_\_\_\_\_

Additional name(s) & address(es) attached? [ ]Yes [X]No

Execution Date: March 31, 1998 and April 2, 1998

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

A. Patent Application No.(s)

B. Patent No.(s)

Serial No. 09/031,939, filed February 27, 1998

Additional numbers attached? [ ]Yes [X]No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Daniel J. Kluth

Address: Schwegman, Lundberg, Woessner & Kluth, P.A.  
P.O. Box 2938  
Minneapolis, MN 55402

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$ 40.00

- Enclosed
- Authorized to be charged to deposit account

8. Please charge any additional fees or credit any overpayments to our  
Deposit account number: 19-0743

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9. 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.

Daniel J. Kluth/Reg. No. 32,146  
Name of Person Signing

Daniel J. Kluth  
Signature

June 29, 1998  
Date

Total number of pages including cover sheet: 4

OMB No. 0651-0011 (exp. 4/94)

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## ASSIGNMENT

WHEREAS, WE, Douglas J. Cutter, residing at 3166 San Luis Street, Fort Collins, CO 80525, and Christophe Pierrat, residing at 9753 W. Preece, Boise, ID 83704, made certain new and useful inventions and improvements for which We filed an application for Letters Patent of the United States on February 27, 1998, which application was assigned U.S. patent application serial number 09/031,939, and is entitled AN ELECTRICALLY PROGRAMMABLE PHOTOLITHOGRAPHY MASK.

AND WHEREAS, Micron Technology, Inc., a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having an office and place of business at 8000 So. Federal Way, Boise, ID 83706, (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

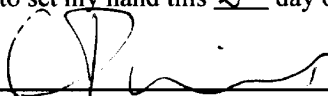
NOW, THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the said application, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the said inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the said Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the said Assignee, its successors and assigns.



Docket No.: 303.210US1  
Serial No.: 09/031,939  
Filing Date: February 27, 1998  
Page 3 of 3



IN TESTIMONY WHEREOF, I have hereunto set my hand this 2<sup>nd</sup> day of APRIL, 1998.

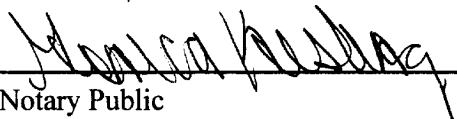
  
\_\_\_\_\_  
Christophe Pierrat

STATE OF Idaho

COUNTY OF Ada )ss.

On this 2 day of April, 1998 before me personally appeared Christophe Pierrat to me known and known to me to be the person described in and who executed the foregoing instrument, and he/she duly acknowledged to me that he/she executed the same for the uses and purposes therein set forth.

[SEAL]

  
\_\_\_\_\_  
Notary Public