

E1366000300

Form PTO-1595
1-31/92

*md
8.2.99*

08-11-1999

EET

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office



To the Honorable Commissioner of Patents

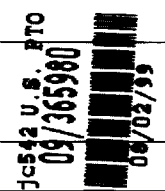
101115342

(attached original documents or copy thereof)

1. Name of Conveying Part(ies):
J. Brent Rolfson

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

2. Name and address of receiving party(ies):
Name: Micron Technology, Inc.
Internal Address: _____
Street Address: 8000 South Federal Way
City: Boise State: ID Zip: 83706



3. Nature of conveyance:
 Assignment Security Agreement
 Merger Change of Name
 Other _____

Execution Date: July 26, 1999

Additional names(s) & address(es) attached: Yes No

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: July 26, 1999

A. Patent Application No.(s):
08/09/1999 Pallen 00000030 09365980

Additional numbers attached: 40.00 OP Yes No

B. Patent No.(s):
09/365980

Additional numbers attached: Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: Mark S. Matkin
Internal Address: Wells, St. John, Roberts,
Gregory & Matkin P.S.
Street Address: 601 W. First Avenue, Ste. 1300
City: Spokane State: WA Zip: 99201-3828


6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41): \$ 40
 Enclosed
 Authorized to be charged to deposit account

8. Deposit account number: 23-0925
(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

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.

Mark S. Matkin  8/2/99
Name of Person Signing Signature Date

TOTAL NUMBER OF PAGES INCLUDING COVER SHEET, ATTACHMENTS AND DOCUMENT: 4

OMB No. 0651-0011 (exp. 9/94)

Do not detach this portion

Mail documents to be recorded with required cover sheet information to:

ASSISTANT COMMISSIONER FOR PATENTS
BOX ASSIGNMENTS
WASHINGTON, D.C. 20231

Public burden reporting for this sample cover sheet is estimated to average about 30 minutes per document to be recorded, including time for reviewing the document and gathering the data needed, and completing and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20231, and to the Office of Management and Budget, Paperwork Reduction Project (0651-0011), Washington, D.C. 20503.

PATENT ASSIGNMENT

PARTIES TO THE ASSIGNMENT:

INVENTOR:

J. Brett Rolfson

ASSIGNEE:

Micron Technology, Inc.
 Corporation of the State of Delaware
 8000 South Federal Way
 Boise, Idaho 83706-9632

BACKGROUND OF THIS ASSIGNMENT:

INVENTOR has conceived certain new and useful inventions disclosed in a United States patent application titled Phase Shift Fabrication Methods, Methods Of Determining Processing Alignment In the Forming Of Phase Shift Regions In The Fabrication Of A Phase Shift Mask, Methods Of Determining Photoresist Pattern Alignment In The Forming Of Phase Shift Regions In The Fabrication Of A Phase Shift Mask, And Phase Shift Mask.

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, INVENTOR

1 hereby sells, assigns and transfers to ASSIGNEE the entire right and
2 interest in the above-identified application executed concurrently with this
3 assignment and to any reissues, renewals, divisions or continuations
4 thereof, and hereby authorizes the Commissioner of Patents and
5 Trademarks to issue such Letters Patent to ASSIGNEE for the sole use
6 of ASSIGNEE, its successors or assigns.

7 INVENTOR further agrees to execute, at the request and expense
8 of ASSIGNEE such other formal documents as may be required to fully
9 convey the interest transferred herein and will similarly execute any
10 application papers required for the filing of any division, continuation,
11 renewal or reissue of the patent application or resulting Letters Patent;
12 and will generally do everything necessary or desirable to obtain and
13 enforce proper protection for the invention assigned hereby.

14 INVENTOR further assigns to ASSIGNEE the whole right, title
15 and interest in the inventions disclosed in the application throughout all
16 countries foreign to the United States. ASSIGNEE is hereby authorized
17 to apply for patents relating to the inventions in its own name in
18 countries where such procedure is proper; to claim the benefit of the
19 International Convention; to file and prosecute International Applications
20 relating to the inventions under the Patent Cooperation Treaty; and to
21 file and prosecute applications relating to the inventions under the
22 European Patent Convention. INVENTOR agrees to execute applications
23 relating to the inventions in those countries and under those conventions
24 where it is necessary that the same be executed by the inventor, and

1 to execute assignments of such applications and the resulting Letters
2 Patent to ASSIGNEE as well as all other necessary papers in relation
3 to such applications and Letters Patent.

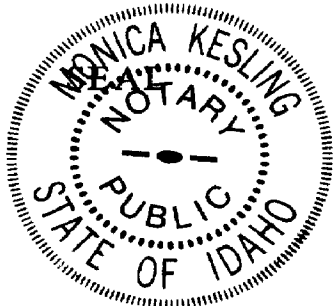
4 INVENTOR further warrants and covenants that no assignment,
5 grant, mortgage, license or other agreement affecting the rights and
6 property herein conveyed has been or will be made to others by the
7 undersigned, and that the full rights to convey the same as herein
8 expressed is possessed by the undersigned.

9 To be binding on the heirs, assigns, representatives and successors
10 of the undersigned and extend to the successors, assigns and nominees
11 of the Assignees.

12 (Signature) *J. Brett Rolfsen* Date: 7/26/99
13 J. BRETT ROLFSON

14 State of Idaho)
15 County of Ada) ss.

16 BEFORE ME, this 26th day of July 1999
17 personally appeared the above-named inventor, to me known to be the
18 person who is described in and who executed the foregoing assignment
instrument and acknowledged to me that he/she executed the same of
his/her own free will for the purpose therein expressed.



21 *Monica Kesling*
22 Notary or Consular Officer
My Commission Expires: 5-17-2006