

11-24-1999

Atty Ref/Docket No.: 303.666US1



101207816

To the Honorable Commissioner of Patents and Trademarks: Please

of:

1. Name of conveying party(ies):

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

Randhir P.S. Thakur and Richard Lane

Name: Micron Technology, Inc.

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

Street Address: 8000 South Federal Way

3. Nature of conveyance

City: Boise State ID ZIP: 83716-9632

[X] Assignment

[ ] Merger

[ ] Security Agreement

[ ] Change of Name

[ ] Other

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

Execution Date: June 2, 1998, June 5, 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. 09/135,474, filed August 17, 1998

Additional numbers attached? [ ] Yes [X] No

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

6. Total number of applications and patents involved: 1

Name: Daniel J. Kluth

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

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

[X] 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

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.

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

Signature

Date

Total number of pages including cover sheet: 3

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

11/24/1999 BNCUTEN 00000013 09135474

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40.00 OP

Do not detach this portion

Mail documents to be recorded with required cover sheet information to

Commissioner of Patents and Trademarks  
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  
REEL: 010390 FRAME: 0415

In re application of: Randhir Thakur  
Richard Lane

Serial No.: Unknown

Filed: Concurrently herewith

For: ISOLATION STRUCTURE  
AND PROCESS THEREFOR

§  
§ Group Art Unit: Unknown  
§  
§ Examiner: Unknown  
§  
§ Atty. Docket: 97-0252.00/US  
§  
§  
§  
§  
§

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ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, do hereby:

SELL, ASSIGN AND TRANSFER to MICRON TECHNOLOGY, INC., (the "Assignee"), a corporation of Delaware having a place of business at 8000 S. Federal Way, Boise, ID 83706, the entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned concurrently herewith and is entitled: **ISOLATION STRUCTURE AND PROCESS THEREFOR** such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

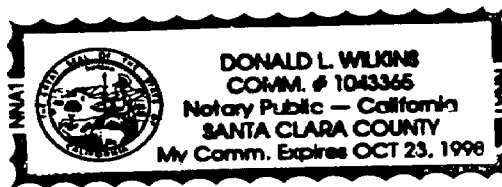
WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT that, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for securing, maintaining and enforcing proper patent protection for such improvements and for vesting title to such improvements in the Assignee;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

(Signature) Randhir P S Thakur Date: 6/5/98  
Randhir Thakur

STATE OF CALIFORNIA )  
 ) ss.  
County of SANTA CLARA )



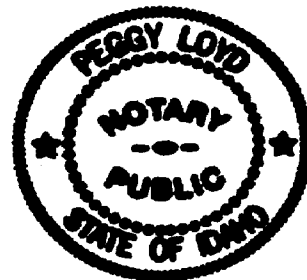
BEFORE ME, this 5<sup>th</sup> day of June 1998 personally appeared the above-named individual(s), to me known to be the person(s) who is (are) described in and who executed the foregoing assignment instrument and acknowledged to me that he/she (they) executed the same of his/her (their) own free will for the purpose therein expressed.

SEAL

Donald L. Wilkins  
Notary or Consular Officer  
My Commission Expires: 23 OCT 1998

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

(Signature) Richard Lane Date: 6/2/98  
Richard Lane



STATE OF IDAHO )  
 ) ss.  
County of Ada )

BEFORE ME, this 2nd day of June 1998 personally appeared the above-named individual(s), to me known to be the person(s) who is (are) described in and who executed the foregoing assignment instrument and acknowledged to me that he/she (they) executed the same of his/her (their) own free will for the purpose therein expressed.

SEAL

Peggy Loyd  
Notary or Consular Officer  
My Commission Expires: 4/1/2003

**Receipt is hereby acknowledged for the following in the United States Patent and Trademark Office:**

In re application of Randhir P.S. Thakur et al.

Title: ISOLATION STRUCTURE AND PROCESS THEREFOR

Serial No. 09/135,474

Filed: August 17, 1998

**CONTENTS:** Revocation and Power of Attorney (2 pgs.) and transmittal document (1 pg.). *, with copy of assignment.*

DJK:CMG:reab

Docket: 303.666US1

Mailed: October 29, 1999

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Randhir P.S. Thakur et al.

Title: ISOLATION STRUCTURE AND PROCESS THEREFOR

Docket No.: 303.666US1

Serial No.: 09/135,474

Filed: August 17, 1998

Due Date: N/A

Examiner: Unknown

Group Art Unit: Unknown

Assistant Commissioner for Patents

Washington, D.C. 20231

We are transmitting herewith the attached:

- ☒ Revocation and Power of Attorney (2 pgs.) , with copy of Assignment
- ☒ A return postcard.

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this Transmittal Letter and the paper, as described above are being deposited in the United States Postal Service, as first class mail, in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on this 29 day of October, 1999.

SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.  
P.O. Box 2938, Minneapolis, MN 55402 (612-373-6900)

By: Daniel J. Kluth  
Name: Daniel J. Kluth  
Reg. No. 32,146  
DJK:CMG:eab

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Randhir P.S. Thakur et al.

Title: ISOLATION STRUCTURE AND PROCESS THEREFOR

Docket No.: 303.666US1

Serial No.: 09/135,474

Filed: August 17, 1998

Due Date: N/A

Examiner: Unknown

Group Art Unit: Unknown

Assistant Commissioner for Patents  
Washington, D.C. 20231

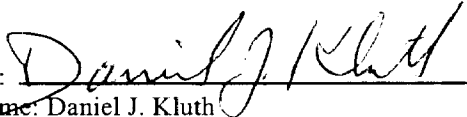
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P.O. Box 2938, Minneapolis, MN 55402 (612-373-6900)

By:   
Name: Daniel J. Kluth  
Reg. No. 32,146  
DJK:CMG:eab

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant:	Randhir P.S. Thakur et al.	Examiner:	Unknown
Serial No.:	09/135,474	Group Art Unit:	2812
Filed:	August 17, 1998	Docket:	303.666US1
Title:	ISOLATION STRUCTURE AND PROCESS THEREFOR		

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**REVOCATION AND POWER OF ATTORNEY**

Assistant Commissioner for Patents  
Washington, D.C. 20231

In accordance with 37 C.F.R. Section 1.36, M.P.E.P. Section 402.05, 402.07, and 324 please revoke any existing Powers of Attorney, if any, and appoint the following attorneys and/or patent agents to prosecute this application and to transact all business in the Patent and Trademark Office in connection therewith:

Adams, Gregory J.	Reg. No. P-44,494	Leffert, Thomas W.	Reg. No. 40,697
Adams, Matthew W.	Reg. No. 43,459	Lemaire, Charles A.	Reg. No. 36,198
Anglin, J. Michael	Reg. No. 24,916	Lundberg, Steven W.	Reg. No. 30,568
Arora, Suneel	Reg. No. 42,267	Lynch, Michael L.	Reg. No. 30,871
Bianchi, Timothy E.	Reg. No. 39,610	Mack, Lisa K.	Reg. No. 42,825
Billion, Richard E.	Reg. No. 32,836	Maki, Peter C.	Reg. No. 42,832
Black, David W.	Reg. No. 42,331	Malen, Peter L.	Reg. No. P-44,894
Brennan, Leoniede M.	Reg. No. 35,832	Mates, Robert E.	Reg. No. 35,271
Brennan, Thomas F.	Reg. No. 35,075	McCrackin, Ann M.	Reg. No. 42,858
Brooks, Edward J., III	Reg. No. 40,925	Nama, Kash	Reg. No. 44,255
Chu, Dinh C.P.	Reg. No. 41,676	Nelson, Albin J.	Reg. No. 28,650
Clark, Barbara J.	Reg. No. 38,107	Nielsen, Walter W.	Reg. No. 25,539
Dahl, John M.	Reg. No. P-44,639	Oh, Allen J.	Reg. No. 42,047
Drake, Eduardo E.	Reg. No. 40,594	Padys, Dahnny J.	Reg. No. 35,635
Eliseeva, Maria M.	Reg. No. 43,328	Pappas, Lia M.	Reg. No. 34,095
Embretson, Janet E.	Reg. No. 39,665	Parker, J. Kevin	Reg. No. 33,024
Fogg, David N.	Reg. No. 35,138	Peacock, Gregg A.	Reg. No. P-45,001
Fordenbacher, Paul J.	Reg. No. 42,546	Perdok, Monique M.	Reg. No. 42,989
Forrest, Bradley A.	Reg. No. 30,837	Polglaze, Daniel J.	Reg. No. 39,801
Harris, Robert J.	Reg. No. 37,346	Prout, William F.	Reg. No. 33,995
Huebsch, Joseph C.	Reg. No. 42,673	Schwegman, Micheal L.	Reg. No. 25,816
Jurkovich, Patti J.	Reg. No. P-44,813	Sieffert, Kent J.	Reg. No. 41,312
Kalis, Janal M.	Reg. No. 37,650	Slifer, Russell D.	Reg. No. 39,838
Kaufmann, John D.	Reg. No. 24,017	Steffey, Charles E.	Reg. No. 25,179
Klima-Silberg, Catherine I.	Reg. No. 40,052	Terry, Kathleen R.	Reg. No. 31,884
Kluth, Daniel J.	Reg. No. 32,146	Viksnins, Ann S.	Reg. No. 37,748
Lacy, Rodney L.	Reg. No. 41,136	Woessner, Warren D.	Reg. No. 30,440

**CERTIFICATE UNDER 37 CFR §3.73(b)**

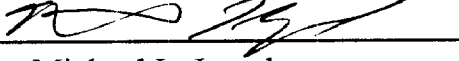
Micron Technology, Inc. hereby certifies that it is the assignee of the entire right, title and interest in the patent application identified above by virtue of an assignment from inventors Randhir Thakur and Richard Lane executed June 5, 1998 and June 2, 1998, respectively. To the best of my knowledge and belief, title is in Micron Technology, Inc., the assignee.

Pursuant to 37 C.F.R. §3.73(b) I hereby declare that I, Michael L. Lynch, am empowered to sign this certificate on behalf of Micron Technology, Inc., the assignee.

I hereby declare that all statement made herein of my own knowledge are true, and that all statements made on information and belief are believed to be true.

Please direct all correspondence in this case to:

Schwegman, Lundberg, Woessner & Kluth, P.A.  
P.O. Box 2938  
Minneapolis, MN 55402  
Telephone No. (612)373-6900

Date October 8, 1999 By   
Michael L. Lynch  
Title: Chief Patent Counsel



In re application of: **Randhir Thakur**  
**Richard Lane**

Serial No.: Unknown

Filed: Concurrently herewith

For: **ISOLATION STRUCTURE**  
**AND PROCESS THEREFOR**

§  
 § Group Art Unit: Unknown  
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 § Examiner: Unknown  
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 § Atty. Docket: 97-0252.00/US  
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### ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, do hereby:

SELL, ASSIGN AND TRANSFER to MICRON TECHNOLOGY, INC., (the "Assignee"), a corporation of Delaware having a place of business at 8000 S. Federal Way, Boise, ID 83706, the entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned concurrently herewith and is entitled: **ISOLATION STRUCTURE AND PROCESS THEREFOR** such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

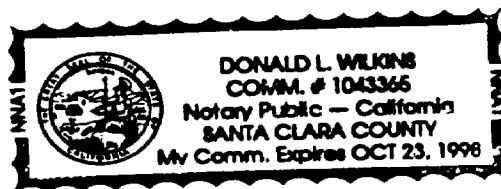
WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT that, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for securing, maintaining and enforcing proper patent protection for such improvements and for vesting title to such improvements in the Assignee;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

(Signature) Randhir P. Thakur Date: 6/5/98  
Randhir Thakur

STATE OF CALIFORNIA )  
 ) ss.  
County of SANTA CLARA )



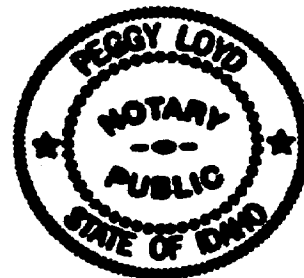
BEFORE ME, this 5<sup>th</sup> day of June 1998 personally appeared the above-named individual(s), to me known to be the person(s) who is (are) described in and who executed the foregoing assignment instrument and acknowledged to me that he/~~she~~-(~~they~~) executed the same of his/~~her~~-(~~their~~) own free will for the purpose therein expressed.

SEAL

Donald L. Wilkins  
Notary or Consular Officer  
My Commission Expires: 23 OCT 1998

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

(Signature) Richard Lane Date: 6/2/98  
Richard Lane



STATE OF IDAHO )  
 ) ss.  
County of Ada )

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SEAL

Peggy Loyd  
Notary or Consular Officer  
My Commission Expires: 4/1/2003