

12-16-2002

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HEET

U.S. Department of Commerce  
Patent and Trademark Office  
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☐ Correction of PTO Error

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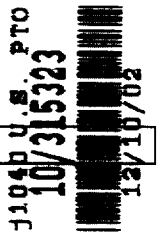
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## Conveyance Type

☒ Assignment☐ License☐ Merger☐ Security Agreement☐ Change of Name☐ Other

U.S. Government

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☐ Departmental File☐ Secret File

## Conveying Party(ies)

☒ Mark if additional names of conveying parties attached

Name (line 1) Frankie F. Roohparvar

Name (line 2)

Execution Date  
Month Day Year

11 14 2002

## Second Party

Name (line 1) Cliff Zitlaw

Name (line 2)

Execution Date  
Month Day Year

11 14 2002

## Receiving Party

☐ Mark if additional names of receiving parties attached

Name (line 1) Micron Technology, Inc.

Name (line 2)

Address (line 1) 8000 S. Federal Way

Address (line 2) P.O. Box 6

Address (line 3) Boise

City

Idaho

State/Country

83716

Zip Code

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

## Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name Hugh R. Kress

12/12/2002 66EPR61 00000001 10315323

Address (line 1) Winstead Sechrest &amp; Minick P.C.

01 FC:8021

40.00 DP

Address (line 2) 2400 Bank One Center

Address (line 3) 910 Travis Street

Address (line 4) Houston, Texas 77002

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REEL: 013566 FRAME: 0090

## Correspondent Name and Address

Area Code and Telephone Number (713) 650-2714

Name Hugh R. Kress

Address (line 1) Winstead Sechrest &amp; Minick P.C.

Address (line 2) 2400 Bank One Center

Address (line 3) 910 Travis Street

Address (line 4) Houston, Texas 77002-5895

## Pages

Enter the total number of pages of the attached conveyance document  
including any attachments.

# 3

## 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).

Patent Application Number(s)

Patent Number(s)



If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the  
first named executing inventor.

Month Day Year

11 14 2002

## Patent Cooperation Treaty (PCT)

Enter PCT application number  
only if a U.S. Application Number  
has not been assigned.

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PCT

PCT

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## Number of Properties

Enter the total number of properties involved #

1

## Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41):

\$ 40.00

Method of Payment:

Enclosed

☒

Deposit Account

☐

Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number: #

23-2426

Authorization to charge additional fees:

Yes

☒

No

☐

## 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 indicated herein.

Hugh R. Kress

Name of Person Signing

Hugh R. Kress

Signature

December 10, 2002

Date

RECORDATION FORM COVER SHEET  
CONTINUATION  
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U.S. Department of Commerce  
Patent and Trademark Office  
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FORM PTO-1619C  
(modified)  
Expires 06/30/99  
OMB 0651-0027

11/10/90 U.S. PAT. 10/315323 12/10/92

Conveying Party(ies)

Enter additional Conveying Parties

☐ Mark if additional names of conveying parties attached

Name (line 1) Kevin C. Widmer

Name (line 2)

Execution Date  
Month Day Year  
11 14 2002

Name (line 1)

Name (line 2)

Execution Date  
Month Day Year

Name (line 1)

Name (line 2)

Execution Date  
Month Day Year

Receiving Party(ies)

Enter additional Receiving Party(ies)

☐ Mark if additional names of receiving parties attached

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City

State/Country

Zip Code

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

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State/Country

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Application Number(s) or Patent Number(s)

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

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Patent Application Number(s)

Patent Number(s)



**ASSIGNMENT**

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

SELL, ASSIGN AND TRANSFER to Micron Technology, Inc. (the "Assignee"), having a place of business at 8000 S. Federal Way, P.O. Box 6, Boise, Idaho 83716, 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, filed concurrently herewith, entitled **FLASH MEMORY ARCHITECTURE FOR OPTIMIZING PERFORMANCE OF MEMORY HAVING MULTI-LEVEL MEMORY CELLS**, 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;

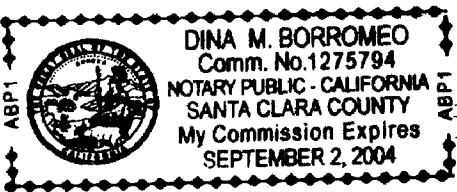
COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful 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 vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

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: [Signature] Date: 11-14-02  
Name: Frankie F. Roohparvar

STATE OF CALIFORNIA )  
 ) ss.  
COUNTY OF Santa Clara )

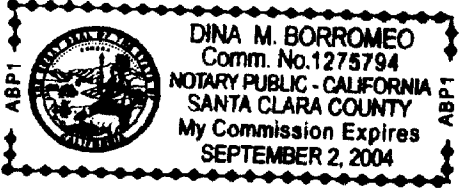
BEFORE ME, the undersigned authority, on this 14 day of November, 2002, personally appeared Frankie F. Roohparvar, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

[SEAL]  [Signature]  
Notary or Consular Officer

Signature: [Signature] Date: 11-14-02  
Name: Kevin C. Widmer

STATE OF CALIFORNIA )  
 ) ss.  
COUNTY OF Santa Clara )

BEFORE ME, the undersigned authority, on this 14 day of November, 2002, personally appeared Kevin C. Widmer, known to me to be the person whose name is subscribed to the foregoing instrument and acknowledged to me that he executed the same of his own free will for the purposes and consideration therein expressed.

[SEAL]  [Signature]  
Notary or Consular Officer

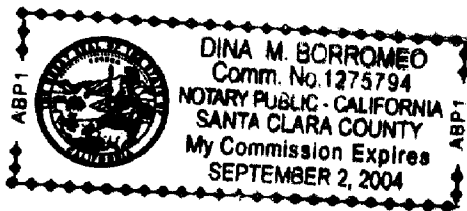
Chipp J. Johnson

Date: 11.14.02

COUNTY OF Santa Clara.

Om Sw

[SEAL]



**PATENT**  
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