

RECORDATION FORM COVER SHEET
PATENTS ONLY

Atty Ref/Docket No.: 303.B22US1

Patent and Trademark Office

To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
Paul Glendenning, Junjuan Xu
Additional name(s) of conveying party(ies) attached?

[] Yes [X] No

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other

Execution Date: January 24, 2012, January 24, 2012

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

Name: Micron Technology, Inc.
Street Address: 8000 So. Federal Way
City: Boise State: ID Zip: 83716-9632
Country: United States of America

Additional name(s) & address(es) attached? [] Yes [X] 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:

A. Patent Application No.(s)

Serial No. 13/357,472, filed January 24, 2012

B. Patent No.(s)

Additional numbers attached? [] Yes [X] No

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

Name: Robert M. Hirning

Address:

Schwegman, Lundberg & Woessner, P.A.
P.O. Box 2938
Minneapolis, MN 55402--0938

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 19-0743

8. Please charge any additional fees or credit any over payments to our Deposit Account No.: 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.

Robert M. Hirning/Reg. No. 59,215

Name of Person Signing



Signature

May 25, 2012

Date

Total number of pages including cover sheet: 5

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

Commissioner of Patents and Trademarks
Mail Stop Assignment Recordation Services
P.O. Box 1450
Alexandria, VA 22313-1450

PATENT

REEL: 028365 FRAME: 0514

700487325

CH \$40.00 190743 13357472

Attorney Docket No. 303.B22US1
Client Ref. No. 2010-0154.00/US

ASSIGNMENT

WHEREAS, We, Paul Glendenning, residing at 323 Blakewood Way, Woodside, CA 94062, and Junjuan Xu, residing at 2008 Quadros Lane, San Jose, CA 95131, made certain new and useful inventions and improvements which are described in an application for U.S. Letters Patent entitled METHOD AND APPARATUS FOR COMPILING REGULAR EXPRESSIONS;

WHEREAS, We hereby authorize and request the attorneys, representing Micron Technology, Inc. on this application, at Schwegman, Lundberg & Woessner, P.A., located at 121 South Eighth Street, Suite 1600, Minneapolis, MN 55402, to insert here in parentheses (Ser. No. 13/357,472; Filing Date: January 24, 2012) the filing date and application number of said application when known.

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 the State of Delaware, having a place of business at 8000 So. Federal Way, Boise, ID 83716-9632, the entire right, title and interest for the United States and all foreign countries in and to: any and all inventions and improvements which are disclosed in the identified application for U.S. Letters Patent, and which may be further identified below; 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 (including all provisional and non-provisional applications), and in all foreign countries on any of such inventions and/or improvements (including any applications for utility models); all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such inventions and/or improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and to claim priority based on the identified application;

AUTHORIZE AND REQUEST that any attorney associated with U.S. PTO Customer No. 73115 may (directly or through his/her designee) delete, insert, or alter any information identifying this application, or any related application, below, after execution of this Assignment;

Additional Application Information

U.S. Provisional Application Serial No. 61/436,013, filed on January 25, 2011.

No U.S. Non-Provisional claim for priority is being made at this time.

No International or foreign claim for priority is being made at this time.

ASSIGNMENT

Docket No: 303.B22US1

Client Ref. No. 2010-0154.00/US

Assignors: Paul Glendenning et al.

Title: METHOD AND APPARATUS FOR COMPILING REGULAR EXPRESSIONS

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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/or 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 without compensation, but at the expense of the Assignee, in order to carry out in good faith the intent and purpose of this Assignment, the undersigned will (1) execute all provisional, non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; (2) execute all rightful oaths, declarations, assignments, powers of attorney and other papers; (3) communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; (4) cooperate with the Assignee in any interference, reexamination, reissue, opposition, dispute, or litigation involving any of the applications or patents for such improvements; and (5) take such further actions as the Assignee shall reasonably consider necessary or desirable for vesting title to such improvements in the Assignee, or for securing, maintaining and enforcing proper patent protection for such improvements;

THIS AGREEMENT IS TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned, and is to extend to the benefit of the successors, assigns and nominees of the Assignee.

AGREED as of the date of my signature below:

ASSIGNMENT

Docket No: 303.B22US1

Client Ref. No. 2010-0154.00/US

Assignors: Paul Glendenning et al.

Title: METHOD AND APPARATUS FOR COMPILING REGULAR EXPRESSIONS

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Inventor: 1:

(Signature):

Paul Glendenning

Name: Paul Glendenning

Date:

01/24/2012

STATE OF CALIFORNIA)

COUNTY OF

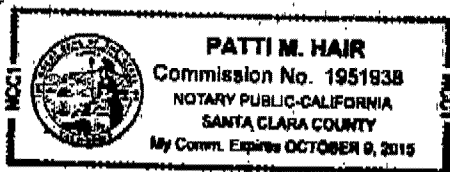
Santa Clara

On this *24th* day of *January*, 2012 before me,

Patti M Hair, personally appeared Paul Glendenning, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



[SEAL]

Patti M Hair
Notary Public

ASSIGNMENT

Docket No: 303.B22US1

Client Ref. No. 2010-0154.00/US

Assignors: Paul Glendenning et al.

Title: METHOD AND APPARATUS FOR COMPILING REGULAR EXPRESSIONS

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Inventor: 2:

(Signature):

[Handwritten Signature]
Name: Junjuan Xu

Date: 01/24/2012

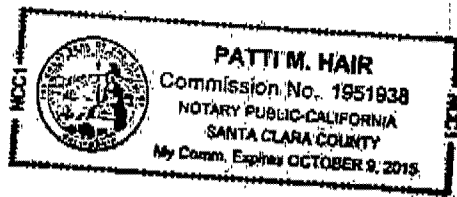
STATE OF CALIFORNIA)

COUNTY OF Santa Clara

On this 24th day of January, 2012 before me,
Patti M Hair, personally appeared Junjuan Xu, who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



[SEAL]

[Handwritten Signature]
Notary Public