

RECORDATION FORM COVER SHEET
PATENTS ONLY

Atty Ref/Docket No.: 303.B39US1

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):

Vishal Sarin, Aaron Yip, Tomoharu Tanaka

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 So. Federal Way

City: Boise State: ID Zip: 83716-9632

Country: United States of America

3. Nature of conveyance:

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

- Assignment Merger
- Security Agreement Change of Name
- Other

Execution Date: December 12, 2010, December 9, 2010,
December 9, 2010

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. 12/975,494, filed December 22, 2010

Additional numbers attached? [] Yes [X] No

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

Name: David C. Peterson

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.

David C. Peterson/Rcg. No. 47,857

Name of Person Signing



Signature

3/22/2011

Date

Total number of pages including cover sheet: 6

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

Attorney Docket No. 303.B39US1
Client Ref. No. 2009-0584.00/US

ASSIGNMENT

WHEREAS, We, Vishal Sarin, residing at 20266 Vista Ct., Cupertino, CA 95014, and Aaron Yip, residing at 1710 Triton Ct., Santa Clara, CA 95050, and Tomoharu Tanaka, residing at 1-14-3-403 Irie Kanagawaku, Yokohama, Kanagawa 221-0014, Japan, made certain new and useful inventions and improvements which are described in an application for U.S. Letters Patent entitled SINGLE CHECK MEMORY DEVICES AND METHODS;

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. 12/975,494; Filing Date: 12/22/2010) 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

No Provisional claim for priority is being made at this time.

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: 303,839US1

Client Ref. No. 2009-0584.00/US

Assignors: Vishal Sarin et al.

Title: SINGLE CHECK MEMORY DEVICES AND METHODS

Page 2 of 5

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: 303.839US1

Client Ref. No. 2009-0584.00/US

Assignors: Vishal Sarin et al.

Title: SINGLE CHECK MEMORY DEVICES AND METHODS

Page 3 of 5

Inventor: 1:

(Signature): *Vishal Sarin*
Name: Vishal Sarin

Date: 12/12/10

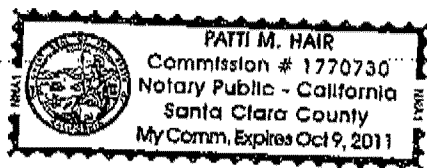
STATE OF CALIFORNIA)

COUNTY OF Santa Clara

On this 9th day of December, 2010 before me,
Patti Hair, personally appeared Vishal Sarin, 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
Client Ref. No. 2009-0584,00/US
Assignors: Vishal Sarin et al.
Title: SINGLE CHECK MEMORY DEVICES AND METHODS
Page 4 of 5

Docket No: 303.B39US1

Inventor: 2:

(Signature): *Aaron Yip*
Name: Aaron Yip

Date: 12/09/2010

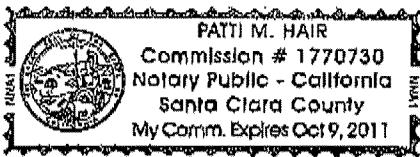
STATE OF CALIFORNIA)

COUNTY OF Santa Clara

On this 9th day of December, 2010 before me,
Patti Hair, personally appeared Aaron Yip, 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]

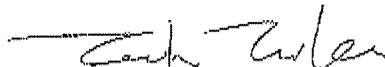
Patti M. Hair
Notary Public

ASSIGNMENT
Client Ref. No. 2009-0584.00/US
Assignors: Vishal Sarin et al.
Title: SINGLE CHECK MEMORY DEVICES AND METHODS
Page 5 of 5

Docket No: 303.B39US1

Inventor: 3:

IN TESTIMONY WHEREOF, I have hereunto set my hand this 9 day of
December, 2010.



Tomoharu Tanaka

WITNESSES:

Dated Dec. 9, 2010

Signature Koichi Kawai

Printed Name Koichi Kawai

Address 2-11-27-610, sh7-Yanashita
Naka-ku, Yokohama, Kanagawa, Japan

Dated Dec 9 2010

Signature Shigekazu Yamada

Printed Name Shigekazu Yamada

Address 2-10-26-202 Suginamiku
Tokyo, Japan