

09-21-2006



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To the Honorable Commissioner of Patents and Trademarks. Please return attached original documents or copy thereof.

1. Name of conveying party(ies):

1. Brian A. VAARTSTRA
2. Stefan UHLENBROCK

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

3. Nature of conveyance:

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

Execution Date: 1. September 11, 2006, 2. September 7, 2006

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

Name: Micron Technology, Inc.

Street Address: 8000 South Federal Way

City: Boise State: ID ZIP: 83707

Additional name(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: September 14, 2006

A. Patent Application No(s).

B. Patent No(s).

Title: **SYSTEMS AND METHODS FOR FORMING STRONTIUM- AND/OR BARIUM-CONTAINING LAYERS**

Additional numbers attached? ☐ Yes ☒ No

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

Name: Loren D. Albin
Address: MUETING, RAASCH & GEBHARDT, P.A.
P.O. Box 581415
Minneapolis, MN 55458-1415

Customer Number 26813

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

8. Please charge any additional fees or credit any overpayments to Deposit account number: 13-4895

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is an original or a true copy of the original document.

Loren D. Albin
Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document(s): 3

Mail documents to be recorded with required cover sheet information to:
Mail Stop Assignment Recordation Services
Director, United States Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

PATENT
REEL: 018317 FRAME: 0353

112919 U.S. PTO
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09/20/2006

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ASSIGNMENT

Whereas We, Brian A. Vaartstra and Stefan Uhlenbrock, with residences and citizenships as indicated below, have made an invention in

SYSTEMS AND METHODS FOR FORMING STRONTIUM- AND/OR BARIUM-CONTAINING LAYERS

Filed: Herewith

Serial No.: Unsigned

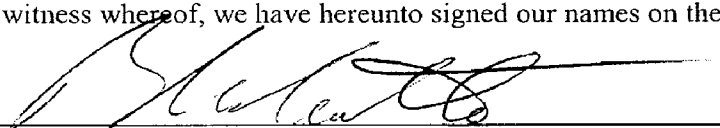
and executed an application for Letters Patent of the United States of America based thereon;

Now, therefore, for good and valuable consideration, receipt of which is acknowledged, we have individually and jointly agreed to assign and transfer and do hereby assign and transfer unto Micron Technology, Inc. ("Company"), a corporation of Boise, Idaho, having its principal office at 8000 South Federal Way, Boise, Idaho 83707, its successors and assigns, the entire right, title, and interest in and to said invention and application, and in and to any division or continuation (in whole or in part) of said application, and in and to any and all improvements in said invention made by us or any of us or made jointly with others (provided any such improvement is made during, or within one year after the termination of, the employment by the Company of whichever of us, solely or jointly with one or more others, has made the same), and in and to any and all Letters Patent, reexaminations, reissues, or extensions thereof, of the United States of America and countries foreign thereto (including the right to apply for Letters Patent, Utility Models, or Inventors' Certificates in foreign countries in its own name and to claim any priority rights for such foreign applications to which such applications are entitled under international conventions, treaties, or otherwise), which have been or may be granted thereon or on any divisional, continuation (in whole or in part), renewal, reexamination, reissue, or other or further application based in whole or in part upon said invention or improvements thereon, to be held and enjoyed as fully and exclusively as they would have been by us or any of us had this assignment and transfer not been made;

We do further agree for ourselves and for our heirs, executors, and administrators, to execute and deliver without further consideration any further applications, assignments, and documents, and to perform such other acts as we lawfully may, that may be deemed necessary by the Company, its successors, assigns, and nominees, fully to secure its right, title, and interest as aforesaid and to obtain or maintain Letters Patent, Utility Models, or Inventors' Certificates in any and all countries;

And we do hereby authorize and request the Commissioner of Patents to issue any and all Letters Patent which may be granted upon any of said applications, to Micron Technology, Inc. as the assignee of the entire right, title, and interest therein.

In witness whereof, we have hereunto signed our names on the days and years set forth below.



09/11/06

Name: Brian A. Vaartstra

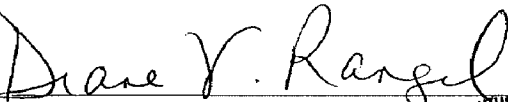
Date

Address: 3417 Braden Lane, Nampa, ID 83686

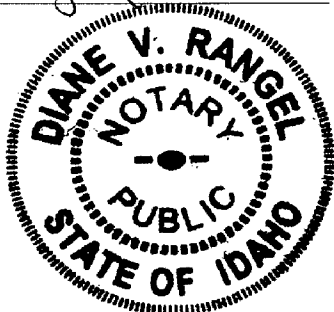
Citizenship: Canada

STATE OF Idaho)
) ss.
COUNTY OF Ada)

On this 11th day of September 2006, before me personally appeared Brian A. VAARTSTRA, to me known to be the person described in and who executed the foregoing instrument, and he/she executed the same for the uses and purposes therein set forth.



Notary Public



PATENT

REEL: 018317 FRAME: 0354

Stefan Uhlenbrock

Name: Stefan Uhlenbrock

09/07/2006

Date

Address: 11336 W. Divide Pass, Boise, ID 83709

Citizenship: Germany

STATE OF Idaho)
COUNTY OF Ada) ss.

On this 7th day of September 2006, before me personally appeared Stefan UHLENBROCK, to me known to be the person described in and who executed the foregoing instrument, and he/she executed the same for the uses and purposes therein set forth.

Diane V. Rangel
Notary Public