

01-23-2003



IEET

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

To the Honorable Commis

attached original documents or copy thereof.

1. Name of Conveying party(ies):  
LEE, Jung-Woo

102345109  
1/17/03

Additional name(s) of conveying party(ies) attached? \_\_\_ Yes X No

2. Name and address of receiving party(ies)

Name: HANA MICRON INC.

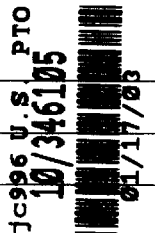
Internal Address: \_\_\_\_\_

Street Address: 10-9, Sodong-ri, Umbong-myeon, Asan-city, 336-864

Chungcheongnam-do, Republic of Korea

City: \_\_\_\_\_ State: \_\_\_\_\_ ZIP: \_\_\_\_\_

Additional name(s) and address(es) attached? \_\_\_ Yes X No



3. Nature of conveyance:

X Assignment \_\_\_\_\_ Merger \_\_\_\_\_  
\_\_\_\_ Security Agreement \_\_\_\_\_ Change of Name \_\_\_\_\_  
\_\_\_\_ Other \_\_\_\_\_

Execution Date: January 13, 2003

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: January 13, 2003

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached: \_\_\_ Yes X No

10/346105

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

Name: Bruce H. Bernstein

Internal Address: P23251

Street Address: GREENBLUM & BERNSTEIN, P.L.C.

1950 Roland Clarke Place

City: Reston State: VA ZIP: 20191

6. Total number of applications and patents involved: 1

7. Total Fee (37 CFR 3.41).....\$ 40.00

X Enclosed

\_\_\_\_ Authorized to be charged to deposit account

8. Deposit account number:

19-0089

(Attach duplicate copy of this page if paying by deposit account)

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.

Bruce H. Bernstein, Reg. No. 29,027  
Name of Person Signing

[Signature]  
Signature

Reg. No. 33,329 1/17/03  
Date

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

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

ASSIGNMENT

WHEREAS, **LEE, Jung-Woo**, a citizen of Republic of Korea, whose post office address is A-101, Kyungdong Miju Apartment, 892-68, Jeki-dong, Dongdaemun-ku, 130-864 Seoul, Republic of Korea, hereinafter referred to as the ASSIGNOR, has invented a certain improvement relating to

**Flash Memory Apparatus Having Single Body Type Rotary Cover**

for which he has executed an application for Letters Patent of the United States which was filed in the United States Patent and Trademark Office.

If this Assignment is filed after the filing date of the above-identified application, the undersigned hereby authorize and request any one of the attorneys of record in this application, including Neil F. Greenblum, Reg. No. 28,394, Bruce H. Bernstein, Reg. No. 29,027, Arnold Turk, Reg. No. 33,094, and James L. Rowland, Reg. No. 32,674, Stephan M. Roylance, Reg. No. 31,296, Leslie J. Paperner, Reg. No. 33,329, William Pieprz, Reg. No. 33,630, Robert W. Mueller, Reg. No. 35,043 and William E. Lyddane, Reg. No. 41,568, of the firm Greenblum & Bernstein, P.L.C., whose address is 1941 Roland Clarke Place, Reston, Virginia 20191, to insert here in parenthesis (Application No. \_\_\_\_\_, filed \_\_\_\_\_) the filing date and application number of said application when known.

AND WHEREAS, **HANA MICRON INC.**, a corporation organized and existing under the laws of the State of Republic of Korea, whose post-office address is 10-9, Sodong-ri, Umbong-myeon, Asan-city, 336-864 Chungcheongnam-do, Republic of Korea, hereinafter known as the ASSIGNEE, is desirous of acquiring the entire right, title and interest for the United States in and to said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues, and prolongations thereof.

NOW, THIS WITNESSETH that for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt whereof is hereby acknowledged, said ASSIGNOR hereby assigns, sells and transfers to said ASSIGNEE, its assigns and legal representatives, the entire and exclusive right, title and interest in and to said invention and application, for the United States including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted therefor, said ASSIGNEE and its assigns and legal representatives to have, hold, exercise and enjoy the said invention and application, including any and all divisions and continuations thereof, and any and all Letters Patent which may be granted thereon, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges, and advantages in any ways arising from or pertaining thereto, for and during the term or

terms of any and all such Letters Patent when granted, including any and all renewals, reissues, and prolongations thereof, for the use and benefit of said ASSIGNEE and its assigns and legal representatives in as ample and beneficial a manner to all intents and purposes as the said ASSIGNOR might or could have held and enjoyed the same, if this assignment had not been made.

AND said ASSIGNOR hereby agrees to execute all papers necessary to file applications in the United States for said invention and to assign the same to said ASSIGNEE, or any assignee acquiring title to said invention, and to execute any other papers that may be needed in connection with filing said application and securing Letters Patent thereon.

AND said ASSIGNOR authorizes and requests the Commissioner of Patents to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said ASSIGNEE, its assigns and legal representatives, in accordance herewith.

IN TESTIMONY WHEREOF, this assignment is executed by said ASSIGNOR, on the respective date indicated below.

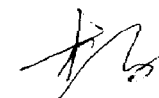
First Witness:

(Name)

JANG, Chan-Young

(Date)

13.01.2003



LEE, Jung-Woo

1.13.2003

Date

Second Witness:

(Name)

KIM, Ri-Jung

(Date)

13.01.2003

