

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

COVER SHEET
04-30-2003



102434870

TO THE HONORABLE DIRECTOR OF THE U.S. PATENT AND TRADEMARK OFFICE. PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OR COPY THERE.

OFFICE. PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OR COPY THERE.

1. Name of conveying party(ies):

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

(a) Tomoharu Tanaka

Name: Kabushiki Kaisha Toshiba

(b)

Street Address: 1-1 Shibaura 1-chome

(c)

City, State, Zip: Minato-ku, Tokyo

Additional name(s) of conveying party(ies) attached?

Yes No

Country: Japan

JCE79 U.S. PTO
10/353574
01/28/03

3. Nature of Conveyance:

Name and address of receiving party(ies):

Assignment Merger

Name:

Security Agreement Change of Name

Street Address:

Other

City: State: Zip:

Execution Date: January 18, 2003

Country:

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: January 18, 2003

A. Patent Application No.(s) -

B. Patent No.(s)

Title: Non-Volatile Semiconductor Memory With Large Erase Blocks Storing Cycle Counts

Additional numbers attached? Yes No

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

6. Total number of applications and patents involved: one

Name: Gerald P. Parsons

Internal Address: SKJERVEN MORRILL LLP

Street Address: 3 EMBARCADERO CENTER, SUITE 2800

City SAN FRANCISCO State CA Zip 94111

7. Total fee (37 CFR 3.41): \$40.00

Authorized to be charged to Deposit Account 19-2386

Charge Deposit Account 19-2386 for any additional fees required for this conveyance and credit deposit account 19-2386 any amounts overpaid

DO NOT USE THIS SPACE

8. 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.

Gerald P. Parsons, Reg. No.: 24,486

Gerald P. Parsons

January 28, 2003

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and documents: 2

ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, I, Tomoharu Tanaka, of Yokohama, Japan, hereby sell, assign and transfer to Kabushiki Kaisha Toshiba, a Japanese corporation, having a place of business at 1-1, Shibaura 1-chome, Minato-ku, Tokyo, Japan, its successors and assigns, the entire right, title and interest throughout the world in my invention in

**NON-VOLATILE SEMICONDUCTOR MEMORY WITH LARGE ERASE BLOCKS
STORING CYCLE COUNTS**

for which I have executed a United States patent application on or about the date of this assignment, and all patent applications and patents of every country for said invention, including divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said applications; I authorize the above-named assignee to apply for patents of foreign countries for said invention, and to claim all rights of priority without further authorization from me; I agree to execute all papers useful in connection with said United States and foreign applications, and generally to do everything possible to aid said assignee, its successors, assigns and nominees, at their request and expense, in obtaining and enforcing patents for said invention in all countries; and I request the Commissioner of Patents and Trademarks to issue all patents granted for said invention to the above-named assignee, its successors and assigns.

Executed this 13 day of January, ²⁰⁰³~~2002~~.

Tomoharu Tanaka
Tomoharu Tanaka

State of _____)
County of _____) ss

On _____ before me, _____ personally appeared _____ personally known to me or proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is(are) subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

SIGNATURE OF NOTARY