

08-17-2000



IN



ND TRADEMARK OFFICE

101435403

Attorney Docket No. 4853-000005

**COVER SHEET FOR RECORDAL OF DOCUMENT (PATENT)**

Hon. Commissioner of Patents and Trademarks  
Washington, D.C. 20231

Sir:

*Handwritten signature and date 8.11.00*

Pursuant to 37 C.F.R. 3.31, enclosed herewith is a document for recordal in this case.  
The following information is provided:

**(1) Name Of Party Conveying The Interest:**

Michiko Miura  
Tsuyoshi Ono  
Hans Jürgen Mattausch

**(2) Name And Address Of Party Receiving The Interest:**

HIROSHIMA UNIVERSITY  
3-2, Kagamiyama 1-Chome  
Higashi-Hiroshima City  
Hiroshima Pref., JAPAN

**(3) Description Of The Transaction To Be Recorded:**

☒ Assignment      ☐ License  
☐ Change of Name      ☐ Other \_\_\_\_\_

**(4) Application(s) and/or Patent(s) Against Which Enclosure Is To Be Recorded:**

☒ Serial Number 09/572,239, filed May 17, 2000.  
☐ Application being filed concurrently herewith.  
☐ Patent Number \_\_\_\_\_, issued \_\_\_\_\_.

**(5) Name And Address Of The Party To Whom Correspondence Concerning The Request To Record Should Be Mailed:**

HARNESS, DICKEY & PIERCE, P.L.C.  
P.O. Box 828  
Bloomfield Hills, MI 48303

08/13/2000 07EFFERA 00000101 095 2235

4/10/00

4/10/00

(6) **Number Of Applications and/or Patents Identified In The Cover Sheet And Total Recordal Fee:**

Number of Applications/Patents: . . 1


Total Recordal Fee Enclosed: . . . \$40.00

(7) **Date(s) The Document Was Executed:** June 20, 2000

To the best of my knowledge and belief, the foregoing information is true and correct, and if the attached is not an original document, the undersigned verifies that it is a true copy of the original.

If, for some reason, Applicants have not paid a sufficient fee, please charge our Deposit Account No. 08-0750 for any further fees which may be due. A duplicate copy of this document is enclosed.

Respectfully submitted,

By:   
Thomas T. Moga  
Reg. No. 34,881  
Attorney for Applicants

August 7  
Date: ~~July~~ \_\_\_\_, 2000

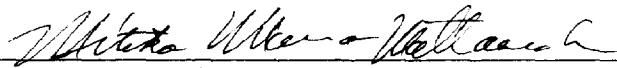
## ASSIGNMENT BY JOINT INVENTORS

WHEREAS, the undersigned, hereinafter referred to as Assignors, have invented  
NONVOLATILE MEMORY USING DEEP LEVEL CAPTURE OF CARRIER AT CORNER  
STRUCTURE OF OXIDE FILM

for which Assignor is about to make United States application for patent; and

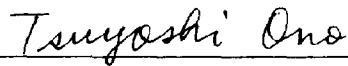
WHEREAS, HIROSHIMA UNIVERSITY,  
3-2, Kagamiyama 1-Chome, Higashi-Hiroshima City, Hiroshima Pref., Japan he  
reinafter referred to as Assignee(s), is (are) desirous of acquiring an interest therein:

NOW, THEREFORE, for good and valuable consideration, the receipt whereof is hereby acknowledged, Assignors by these presents do sell, assign and transfer unto Assignee(s) its successors in interest, the full and exclusive right in the United States of America and all foreign countries, including the right to claim priority under the laws of the United States and the Paris Convention, to the said invention as described in the specification executed by Assignors of even date preparatory to filing a United States application for patent therefor, said invention and all United States applications for patent and all Letters Patent therefor to be held and enjoyed by Assignee(s) to the full end of the term for which said Letters Patent are granted and any extensions thereof as fully and entirely as the same would have been held by Assignors had this assignment and sale not been made; and Assignors hereby covenant and agree to execute all instruments or documents required or requested for the making and prosecution of United States application for patent and all foreign countries on, for litigation regarding, or for the purpose of protecting title to the said invention, the United States application for patent, or Letters Patent therefor for the benefit of Assignee(s) without further or other compensation than that above set forth; and Assignors hereby request the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States of America to Assignee(s).



Michiko MIURA

Date: June 20, 2000



Tsuyoshi ONO

Date: June 20, 2000



Hans Jürgen Mattausch

Date: June 20, 2000

Date: \_\_\_\_\_