

08-12-2002

NECG 19.875

Form PTO-1595 (Rev. 03/01)

RE



U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office

OMB No. 0651-0027 (exp. 5/31/2002)

Tab settings

102186711

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

1. Name of conveying party(ies):

Yoshinori MATSUI

8.1.02

2. Name and address of receiving party(ies)

Name: Elpida Memory, Inc.

Internal Address:

2-1, Yaesu 2-chome,

Street Address:

Chuo-ku, Tokyo, Japan

City: State: Zip:

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

3. Nature of conveyance:

- Assignment Merger Security Agreement Change of Name Other

Execution Date: July 29, 2002

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

4. Application number(s) or patent number(s): 10/210406

July 29, 2002

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)

Additional numbers attached? Yes No

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

Name: Katten Muchin Zavis Rosenman

Internal Address:

575 Madison Avenue

Street Address:

15th Floor IP Department

City: New York State: New York Zip: 10022-2585

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. Deposit account number:

50-1290

(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.

Thomas J. Bean

[Signature]

August 1, 2002

Date

Name of Person Signing

00000135 501290 10210406

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

08/09/2002 DBYRNE

01 FC:581

40.00 CH

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

PATENT REEL: 013167 FRAME: 0328

ASSIGNMENT

Docket No. NECG 19.875

WHEREAS, the below named inventor, ASSIGNOR, has made a certain new and useful invention in : _____
CALIBRATION METHOD AND MEMORY SYSTEM

for which

(check one) an application is being filed concurrently herewith,
 an application for a Patent of the United States was filed on _____
 and given Application Serial No. _____

and WHEREAS, Elpida Memory, Inc.
having a place of business at 2-1, Yaesu 2-chome, Chuo-ku, Tokyo, Japan

_____, ASSIGNEE
is desirous of obtaining the entire right, title and interest in, to and under the said invention and the said application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, the said ASSIGNOR, has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventor's certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

ASSIGNOR authorizes and requests the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND ASSIGNOR covenants and agrees that he has full right to convey the entire interest herein assigned, and has not executed, and will not execute, any agreement in conflict herewith.

AND ASSIGNOR further covenants and agrees that he will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

Full name of sole or first inventor YOSHINORI MATSUI
Inventor's signature *Yoshinori Matsui* Date July 29, 2002
Residence Tokyo, Japan Citizenship Japanese
Post Office Address c/o Elpida Memory, Inc., 2-1, Yaesu 2-chome, Chuo-ku,
Tokyo, Japan

Full name of second joint inventor, if any _____ Date _____
Second Inventor's signature _____ Citizenship _____
Residence _____
Post Office Address _____

Takashi Ozama *[Signature]*