

01-15-2003



Docket No.: 72478-0800 (NAK1-BT21)

SHEET

U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

Tab settings → → → ▼

102338352

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

1. Name of conveying party(ies):

Yasuhiro Shimada
Yoshihisa Kato
Takayoshi Yamada

1-13-03

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment

☐ Merger

☐ Security Agreement

☐ Change of Name

☐ Other

Execution Date: December 17, 2002

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

Name: Matsushita Electric Industrial Co., Ltd.

Address: 1006, Oaza Kadoma

City: Kadoma-shi

State/Prov.: Osaka-fu

Country: JAPAN

ZIP: 571-8501

Additional name(s) & address(es)

☐ Yes ☒ No

4. Application number(s) or patent numbers(s):

If this document is being filed together with a new application, the execution date of the application is:

Patent Application No.

Filing date

B. Patent No.(s)

10/271,139

10/15/02

01/15/2003 GTON11 00000074 192814 10271139

01 FC:8021

40.00 CH

Additional numbers

☐ Yes ☒ No

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

Name: Joseph W. Price

Registration No. 25,126

Address: SNELL & WILMER, LLP

1920 Main Street, Suite 1200

City: Irvine

State/Prov.: California

Country: U.S.A.

ZIP: 92614-7230

6. Total number of applications and patents involved:

1

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

☐ Enclosed - Any excess or insufficiency should be credited or debited to deposit account

☒ Authorized to be charged to deposit account

8. Deposit account number:

19-2814

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

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.

Joseph W. Price

Name of Person Signing

Signature

January 6, 2003

Date

3

Total number of pages including cover sheet, attachments, and

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

PATENT
REEL: 013648 FRAME: 0841

ASSIGNMENT

WHEREAS, we, Yasuhiro SHIMADA, Yoshihisa KATO and Takayoshi YAMADA

citizens of Japan, respectively, have invented certain new and useful improvements in a NON-VOLATILE SEMICONDUCTOR MEMORY DEVICE WITH ENHANCED ERASE/WRITE CYCLE ENDURANCE for which we have executed application for Letters Patent of the United States, filed on 10/15/02 and given Application No. 10/271,139;

WHEREAS, MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD a corporation of Japan, having a principal place of business at 1006, Oaza Kadoma, Kadoma-shi, Osaka-fu, 571-8501, Japan is desirous of obtaining the entire right, title and interest in, to and under the said improvements and the said application,

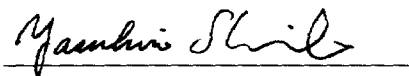
NOW, THEREFORE, in consideration of the sum of One Hundred Yen (100¥) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, Yasuhiro SHIMADA, Yoshihisa KATO and Takayoshi YAMADA have sold, assigned, transferred and set over, unto said MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., its successors, legal representatives and assigns, the entire right, title and interest in, to and under said improvements, and said application and all divisions, renewals and continuations thereof, and all Letters Patents of the United States, which may be granted thereon and all reissues and extensions thereof, and all priority rights under the International Convention for the Protection of Industrial Property for every country of the Union, and all applications for Letters Patents which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States, and any official of any country or countries foreign to the United States, whose duty it is to issue patents, on applications as aforesaid, to issue all Letters Patents for said improvements to said MATSUSHITA ELECTRIC

INDUSTRIAL CO., LTD., its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith.


AND WE HEREBY further covenant and agree that we will communicate to said MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid said MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD., its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 17th day of December, 2002



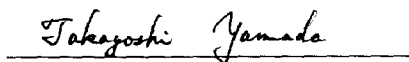
Yasuhiro SHIMADA

IN TESTIMONY WHEREOF, I have hereunto set my hand this 17th day of December, 2002



Yoshihisa KATO

IN TESTIMONY WHEREOF, I have hereunto set my hand this 17th day of December, 2002



Takayoshi YAMADA