

08-29-2001



Form PTO-1592 (modified)

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Haruki Toda

Additional Names of conveying party or parties attached?

☐ Yes ☒ No

08/17/01

## 2. Name and address of receiving party or parties:

Kabushiki Kaisha Toshiba

1-1 Shibaura 1-chome,

Minato-Ku, Tokyo, JAPAN

J1017 U.S. PTO

09/931024

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## 3. Nature of Conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
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## 4. Application Number(s) or Patent Number(s):

09/931024

If this document is being filed together with a new application, the execution date of the application is: August 8, 2001

## A. Patent Application Number(s):

## B. Patent Number(s):

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

Joseph M. Potenza  
 Banner & Witcoff, Ltd.  
 1001 G Street, N.W., Suite 1100  
 Washington, D.C. 20001-4597

## 6. Total Number of Applications and patents involved:

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

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*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.*

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August 17, 2001

Date

Total Number of Pages including Cover Sheet: 3

**PATENT**  
**REEL: 12105 FRAME: 0487**

# A S S I G N M E N T

In consideration of value received, I, having a mailing address at c/o Intellectual Property Division, KABUSHIKI KAISHA TOSHIBA, 1-1 Shibaura 1-chome, Minato-ku, Tokyo 105-8001, Japan and a residence as stated below next to my name, the sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are listed below) of an invention described in an application for United States patent entitled:

## FUSE CIRCUIT USING ANTI-FUSE AND METHOD FOR SEARCHING FOR FAILED ADDRESS IN SEMICONDUCTOR MEMORY

said application having been filed on \_\_\_\_\_  
and assigned Application No. \_\_\_\_\_;  
sell and assign to  
KABUSHIKI KAISHA TOSHIBA  
a corporation of Japan, having a business address at  
1-1 Shibaura 1-chome, Minato-Ku, Tokyo, Japan

its successors, assigns or nominees, hereinafter referred to as "Assignee", my entire right, title and interest in and to said invention as disclosed, shown and described in said application for United States patent: (check one)

☒ executed concurrently herewith:

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and in and to all applications for patent and patents for said invention, in all countries of the world, including all divisions, reissues, continuations, substitutions and extensions thereof and all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property, including rights of priority, resulting from the filing of any of said applications; and I authorize and request any official whose duty is to issue patents, to issue any patent on said invention or resulting therefrom to said Assignee, and I agree that on request and without further consideration, but at the expense of said Assignee, I will communicate to said Assignee or its representatives all facts known to me respecting said invention and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue, or other applications, make all rightful oaths and declarations, and generally do everything possible to aid said Assignee to obtain and enforce proper patent protection for said invention in all countries.

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# ASSIGNMENT

01S0146

Inventor: (Signature)

Date

Residence

*Haruki Toda*

AUG. - 8, 2001

Yokohama-shi, Japan

Haruki Toda

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