

10-11-2000



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To the Honorable Commissioner of Patents
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ATTN. BOX ASSIGNMENTS

JP915 U.S. PTO
09/667531

09/22/00

1. Name of conveying parties: 9-22-00
Nobutaka KITAGAWA
Additional name of conveying party attached? Yes No

2. Name and address of receiving party:
Name: Kabushiki Kaisha Toshiba
Internal Address:

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other

Street Address: 72 Horikawa-cho, Saiwai-ku
Kawasaki-shi, Japan
City:
State: | Zip Code: |

Execution Date: September 18, 2000

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

4. Application number or patent number: If this document is being filed together with a new application, the execution date of the application: September 18, 2000
A. Patent Application Numbers:
Additional numbers attached? Yes No

B. Patent Numbers:
09/667531

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: Mr. Ernest F. Chapman
Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.
Street Address: 1300 I Street, N.W.
City: Washington
State: DC Zip: 20005-3315

6. Total number of applications and registrations involved: 1
7. Total fee (37 CFR 3.41): \$40

Enclosed (Please charge deficiency to deposit account)
Authorized to be charged to deposit account
8. Deposit account number: 06-0916

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.
Richard V. Burgujian [Signature] September 22, 2000
Registration No. 31, 744 Signature Date

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

A S S I G N M E N T

In consideration of value received, I, having a post office 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:

**SEMICONDUCTOR INTEGRATED CIRCUIT APPARATUS FOR
PERFORMING DA/AD CONVERSION WITH HIGH ACCURACY USING
A POTENTIAL DISTRIBUTION OF A STRING RESISTOR**

said application having been filed on _____
and assigned Serial No. _____ :
sell and assign to
KABUSHIKI KAISHA TOSHIBA
a corporation of Japan, having a business address at
72 Horikawa-cho, Saiwai-ku, Kawasaki-shi, 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;

executed separately herefrom;

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.

I hereby grant the following law firm the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the Rules of the U. S. Patent and Trademark Office for recordation of this document.

Finnegan, Henderson, Farabow, Garrett & Dunner, L. L. P.,
1300 I Street, N.W., Washington, D. C., 20005-3315

ASSIGNMENT

00S0804

Inventor: (Signature)

Date

Residence

Nobutaka Kitagawa
Nobutaka Kitagawa

SEP. 18. 2000

Kawasaki shi, Japan

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