

03-19-2002



U.S. Department of Commerce
Patent and Trademark Office
Attorney Docket No. 04329.2756
Attorney Customer Number: 22 852

To the Honorable Commissioner of Patent
Please record the attached original document.

ATTN. BOX ASSIGNMENTS

102021223

1. Name of conveying party(ies):
1) Masakazu SUZUKI
2) Kazuaki YOKOTA
3) Yuko ETO

03/05/02

2. Name and address of receiving party(ies):
Name: 1)KABUSHIKI KAISHA TOSHIBA
2) Masakazu Suzuki

0679 U.S. PTO
2/11/02
10:08:12
20/59/02

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

Internal Address:

3. Nature of conveyance:

Street Address: 1) 1-1 Shibaura 1-chome, Minato-ku, Tokyo, Japan
2) c/o Kyushu University, 6-10-1, Hakozaki, Higashi-ku, Fukuoka-shi, Fukuoka-ken, Japan

Assignment Merger

City:

Security Agreement Change of Name

State:

Zip Code:

Other:

Additional name(s) & Address(es) attached?

Execution Date: February 25, 2002

Yes No

4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application: February 25, 2002

A. Patent Application Number(s):

B. Patent Number(s):

Additional numbers attached? Yes No

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

Name: Mr. Ernest F. Chapman

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

Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.

Street Address: 1300 I Street, N.W.

City: Washington, D.C.

State: Zip: 20005-3315

8. Deposit Account No.: 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

03/11/2002 VTRUONG1 00000093 10087772

03 FC:581

40.00 DP

Signature

Richard V. Burgujian / Reg. No. 31,744

March 5, 2002

Date

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

ASSIGNMENT

(01S1680-1)

In consideration of value received, I, having a residence as stated below above 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:

MATHEMATICAL EXPRESSION RECOGNIZING DEVICE, MATHEMATICAL EXPRESSION RECOGNIZING METHOD, CHARACTER RECOGNIZING DEVICE AND CHARACTER RECOGNIZING METHOD

sell and assign to

- (1) KABUSHIKI KAISHA TOSHIBA, a Japanese corporation, having a place of business at 1-1, Shibaura 1-chome, Minato-ku, Tokyo, Japan,
- (2) Masakazu Suzuki, a Japanese citizen, having a mailing address at c/o Kyushu University, 6-10-1, Hakozaki, Higashi-ku, Fukuoka-shi, Fukuoka-ken, Japan

their successors, and assigns or nominees, hereinafter referred to as "Assignee", one half, respectively of my entire right, title and interest in and to said invention as disclosed, shown and described in said United States patent application:

(check one) executed concurrently herewith;
 executed on _____ ;
 Application No. _____, filed _____ ;

and in and to all applications for patent and patents for invention including all divisions, reissues, continuations, substitutes 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 proceedings, sign all lawful papers, execute all divisional, continuing, continued prosecution, 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.

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.

ASSIGNMENT

(01S1680-1)

[1st Inventor]

Mailing Address: c/o Kyushu University, 6-10-1, Hakozaki, Higashi-ku, Fukuoka-shi, Fukuoka-ken, Japan
Residence Address: Fukuoka-shi, Japan
Citizenship: Japan

Masakazu Suzuki

Masakazu Suzuki

FEB. 25. 2002

Date:

[2nd Inventor]

Mailing Address: 1-101, Toshiba Ome Kazoku Apart, 2016, Shimmachi 9-chome, Ome-shi, Tokyo, Japan
Residence Address: Tokyo, Japan
Citizenship: Japan

Kazuaki Yokota

Kazuaki Yokota

FEB. 25. 2002

Date:

[3rd Inventor]

Mailing Address: A910, Kureare Toshiba Ome, 2031-1, Shimmachi 9-chome, Ome-shi, Tokyo, Japan
Residence Address: Tokyo, Japan
Citizenship: Japan

Yuko Eto

Yuko Eto

FEB 25. 2002

Date:

RECORDING OFFICER:

After recording, please return to:
Finnegan, Henderson, Farabow, Garrett & Dunner,
1300 I Street, N.W. Washington, D.C. 20005-3315

RECORDED: 03/05/2002

PATENT
REEL: 012677 FRAME: 0989