

12-05-2000



101538611

01701.00043

Form PTO-1592 (modified)

9/18/00

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

1. Name of Conveying Party or Parties:

- 1. Hironobu AKITA
- 2. Satoshi ETO
- 3. Katsuaki ISOBE
- 4. Masaharu WADA
- 5. Haruki TODA

Additional Names of conveying party or parties attached?

Yes No

2. Name and address of receiving party or parties:

KABUSHIKI KAISHA TOSHIBA
 72 Horikawa-cho, Saiwai-ku
 Kawasaki-shi
 Japan

FUJITSU LIMITED
 1-1, Kamikodanaka 4-chome, Nakahara-ku
 Kawasaki-shi, Kanagawa 211-8588
 Japan

Additional Name(s) and address(es) attached? Yes No

1c921 U.S. PTO
 09/10/00
 11/06/00

3. Nature of Conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Execution Dates: (1), and (3) through (5) November 1, 2000;
 (2) October 31, 2000

4. Application Number(s) or Patent Number(s):

9/707791

If this document is being filed together with a new application, the execution dates of the application are: October 31, 2000, and November 1, 2000

A. Patent Application Number(s):

B. Patent Number(s):

Additional Name(s) and address(es) attached? Yes No

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. - Eleventh Floor
 Washington, D.C. 20001-4597

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
- Please charge or credit our deposit account for any additional or refunded fees associated with recording this assignment

8. Deposit Account No.:

19-0733

(Duplicate copy of this page attached 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.

for Gary D. Fedorochko
Joseph M. Potenza - Registration No. 28,175
 Name of Person Signing

Gary D. Fedorochko #35,509 November 8, 2000
 Signature Date

Total Number of Pages including Cover Sheet: 3

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:

ANALOG SYNCHRONIZATION CIRCUIT

sell and assign to

- (1) KABUSHIKI KAISHA TOSHIBA, a Japanese corporation, having a place of business at 72 Horikawa-cho, Saiwai-ku, Kawasaki-shi, Japan; and
- (2) FUJITSU LIMITED, a Japanese corporation, having a place of business at 1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588, Japan

their successors, and 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 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, in all countries of the world, 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, 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.

Banner & Witcoff, Ltd., 11th Floor, 1001 G Street, N.W., Washington, D.C. 20001-4597, U. S. A.

[1st Inventor]

Post Office Address: 304, North Valley, 1627, Iijimacho, Sakae-ku, Yokohama-shi, Kanagawa-ken, Japan
 Residence Address: 304, North Valley, 1627, Iijimacho, Sakae-ku, Yokohama-shi, Kanagawa-ken, Japan
 Country of Citizenship: Japan

Date: NOV. - 1. 2000 Hironobu Akita
 Hironobu Akita

[2nd Inventor]

Post Office Address: 2-10-29-112, Tarumachi, Kohoku-ku, Yokohama-shi, Kanagawa-ken, Japan
 Residence Address: 2-10-29-112, Tarumachi, Kohoku-ku, Yokohama-shi, Kanagawa-ken, Japan
 Country of Citizenship: Japan

Date: OCT. 31. 2000 Satoshi Eto
 Satoshi Eto

[3rd Inventor]

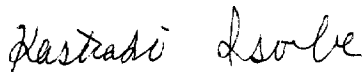
Post Office Address: 301, Kureare Toshiba Motosumiyoshi, 1931, Kizukisumiyoshicho, Nakahara-ku, Kawasaki-shi,
Kanagawa-ken, Japan

Residence Address: 301, Kureare Toshiba Motosumiyoshi, 1931, Kizukisumiyoshicho, Nakahara-ku, Kawasaki-shi,
Kanagawa-ken, Japan

Country of Citizenship: Japan

NOV. - 1. 2000

Date:



Katsuaki Isobe

[4th Inventor]

Post Office Address: 406, 32-1, Konandai 9-chome, Konan-ku, Yokohama-shi, Kanagawa-ken, Japan

Residence Address: 406, 32-1, Konandai 9-chome, Konan-ku, Yokohama-shi, Kanagawa-ken, Japan

Country of Citizenship: Japan

NOV. - 1. 2000

Date:



Masaharu Wada

[5th Inventor]

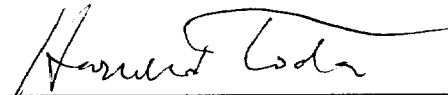
Post Office Address: 803, High Mart Yokohama, 72-1, Sanya, Minami-ku, Yokohama-shi, Kanagawa-ken,
Japan

Residence Address: 803, High Mart Yokohama, 72-1, Sanya, Minami-ku, Yokohama-shi, Kanagawa-ken,
Japan

Country of Citizenship: Japan

NOV. - 1. 2000

Date:



Haruki Toda

After recording please return to:

Banner & Witcoff, Ltd.

11th Floor, 1001 G Street, N.W., Washington, D.C. 20001-4597, U. S. A.