

10-30-2000

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SIR: PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OR COPY THEREOF.

101498649

## 1. NAME OF CONVEYING PARTY(IES) (ASSIGNORS(S)):

1. Shuji ABE

2. Katsuya KUDO

3.

4.

5.

6.

7.

8.

ADDITIONAL NAME(S) OF CONVEYING PARTY(IES) ATTACHED? ☐ YES ☒ NO

## 2. PARTY(IES) (ASSIGNEE(S)) RECEIVING INTEREST:

NAME: KABUSHIKI KAISHA TOSHIBA

ADDRESS: 72, Horikowo-cho, Saiwai-ku, Kawasaki-shi, Kanagawa-ken, Japan

09 672 980

ADDITIONAL NAME(S) & ADDRESS(ES) ATTACHED? ☐ YES ☒ NO

## 3. NATURE OF CONVEYANCE (DOCUMENT):

(Submit herewith only one document for recordation—multiple copies of same Assignment signed by different inventors is one document)☒ ASSIGNMENT OF☒ WHOLE☐ PART INTEREST☐ ORIGINAL☒ FACSIMILE/PHOTOCOPY☐ CHANGE OF NAME☐ VERIFIED TRANSLATION☐ SECURITY ☐ MERGER☐ OTHER:

EXEC. DATE: September 27, 2000

EXECUTION DATE(S) ON THE DECLARATION IF FILED HERewith: (NOTE: IF DATES ON DECLARATION AND ASSIGNMENT DIFFER SEE ATTY!) September 27, 2000

4.5 APPL. NO.(S) OR PAT NO.(S). OTHERS ON ADDITIONAL SHEET(S) attached? ☐ YES ☒ NOA. PAT. APP. NO.(S)  
series code/serial no

M#

1<sup>st</sup> INVENTOR  
if not in item 1

B. PATENT NO(S)

M#

1<sup>st</sup> INVENTOR  
if not in item 1

New Appln.

274028

5. Name & Address of Party to Whom Correspondence  
Concerning Document Should be Mailed:

**Pillsbury Madison & Sutro LLP**  
**Intellectual Property Group**  
1100 New York Avenue, NW  
Ninth Floor  
Washington, DC 20005-3918

6. NUMBER INVOLVED:

APPLNS 1 + PATS 0 = TOTAL1

7. AMOUNT OF FEE ENCLOSED: (Code 581)

ABOVE TOTAL x \$40 = \$40

5.5 ATTY DKT:

PMS 274028

DDG31015-USA-AT

8. IF ABOVE FEE IS MISSING OR INADEQUATE CHARGE  
INSUFFICIENCY TO DEPOSIT ACCOUNT NUMBER: 03-3975

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CLIENT REF.

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CLIENT NO.

MATTER NO.

## 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.

Signature

10. Total number of pages including this  
cover sheet, attachments and document  
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2

Attorney: Glenn J. Perry

Reg. No. 28458

Atty/Sec: GJP/MLM

TEL: (202) 861-3070

Date: September 29, 2000

FAX: (202) 822-0944

FILE WITH PTO RETURN RECEIPT (PAT-103A)

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Ninth Floor, East Tower  
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USA Patent App'n.  
Sole or Joint

For Inventions made outside USA  
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Any. Dkt. PMS MF DDG31015  
Client Ref.

NONPROVISIONAL

ASSIGNMENT  
OF NONPROVISIONAL APPLICATION

NONPROVISIONAL

In consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration paid to each of the undersigned, to wit:

INSERT  
NAME(S) OF  
INVENTOR(S)

|                  |                                                       |
|------------------|-------------------------------------------------------|
| (1) Shuji ABE    | (4)                                                   |
| (2) Katsuya KUDO | (5)                                                   |
| (3)              | <input type="checkbox"/> x box if continued on page 2 |

the receipt and sufficiency of which are hereby acknowledged by the undersigned who at the request of, hereby sell(s), assign(s) and transfer(s) unto:

INSERT  
NAME(S) OF  
ASSIGNEE(S)  
& ADDRESS(ES)

Kabushiki Kaisha Toshiba  
72, Horikawa-cho, Saiwa-ku, Kawasaki-shi, Kanagawa-ken, Japan

Hereinafter designated "ASSIGNEE" the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100, in the invention and all applications involving any and all divisions, continuations, substitutions, and resubmissions thereof, and all resulting patents, known as:

TITLE OF  
INVENTION

AUTOMATIC FREQUENCY CONTROL CIRCUIT AND RECEIVER HAVING THE SAME  
FAIN

for which the undersigned executed an application for Letters Patents of the United States of America:

NOTE → →  
(Complete  
Items A, B and/or C)

(A) ☒ own data herewith  
(B) ☐ on  
(C) ☐ In U.S. Appl. / filed  
No.

AND the undersigned hereby authorize(s) and request(s) the United States Commissioner of Patents and Trademarks to issue said Letters Patent to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives. The undersigned agree(s) that the attorney of record in said application shall hereinafter act on behalf of said ASSIGNEE.

AND the undersigned hereby agree(s) to verify and execute any papers for ASSIGNEE, its successors, assigns and legal representatives, deemed essential by ASSIGNEE to ASSIGNEE'S full protection and title in and to the invention hereby transferred.

NOTE → → The undersigned hereby authorize(s) Pillsbury Madison & Sutro LLP of the above address to effect herein any further identification necessary or desirable for recording of this document.

| INVENTOR(S)     | DATE SIGNED  | WITNESSES          |
|-----------------|--------------|--------------------|
| 1) Shuji ABE    | 27 SEP. 2000 | Hiromichi Tanigawa |
| 2) Katsuya KUDO | 27 Sep. 2000 | Hiromichi Tanigawa |
| 3)              |              |                    |
| 4)              |              |                    |
| 5)              |              |                    |

DATE, USA, 11/20/00

U-848

11/20/00

11/20/00

11/20/00

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