

02-03-2000

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TO THE ASSISTANT COMMISSIONER OF PATENTS AND TRADEMARKS
SIR: PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OR COPY THEREOF.

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

1. SUGIURA, Akihiko

3.

5.

7.

2.

4.

6.

8.

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

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

NAME: IBIDEN CO., LTD. and AKIHIKO SUGIURA

ADDRESS: 1, Kandacho 2-chome, Ogaki-shi, Gifu, 503-0917 Japan and
5-202 Takashijutaku, 2-1 Azahigashiura, Kitayama-cho, Toyohashi-shi, Aichi 441-8105 Japan

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

EXEC. DATE: August 18, 1999

☐ CHANGE OF NAME ☐ VERIFIED TRANSLATION☐ SECURITY ☐ MERGER ☐ OTHER:

EXECUTION DATE(S) ON THE DECLARATION IF FILED HERewith: (NOTE: IF DATES ON DECLARATION AND ASSIGNMENT DIFFER SEE ATTY!) August 18, 1999

4.5 APPL. NO.(S) OR PAT NO.(S). OTHERS ON ADDITIONAL SHEET(S) attached? ☐ YES ☒ NO

| A. PAT. APP. NO.(S) series code/serial no | M# | 1 st INVENTOR if not in Item 1 | B. PATENT NO(S) | M# | 1 st INVENTOR if not in Item 1 |
|---|--------|--|-----------------|----|--|
| 09/345,755 | 262230 | | | | |

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

Pillsbury Madison & Sutro LLP
Intellectual Property Group
1100 NEW YORK AVENUE, N.W.
NINTH FLOOR, EAST TOWER
WASHINGTON, D.C. 20005-3918

6. NUMBER INVOLVED:

APPLNS 1 + PATS _____ = TOTAL 1

7. AMOUNT OF FEE ENCLOSED: (Code 581)
ABOVE TOTAL x \$40 = \$40

02/02/2000 CCETIN 00000017 09345755
01 FC:581

5.5 ATTY DKT:

PMS 262230

7034U

8. IF ABOVE FEE IS MISSING OR INADEQUATE CHARGE
INSUFFICIENCY TO DEPOSIT ACCOUNT NUMBER: 03-3975
UNDER ORDER NO 41226 262230

MATTER NO.

CLIENT REF.

dup. sheet not required

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

Attorney: Glenn J. Perry

Reg. No. 28,458

Atty/Sec: GJP/mhn

TEL: (202) 861-3070

Date: January 28, 2000

FAX: (202) 822-0944

10. Total number of pages including this
cover sheet, attachments and document
(do not file dup. Cover sheet)

2

FILE WITH PTO RETURN RECEIPT (PAT-103A)

PAT-114X 3/98

PATENT
REEL: 010513 FRAME: 0648

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) Akihiko Sugiura | (4) |
| (2) | (5) |
| (3) | [] 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:

IBIDEN Co., Ltd.

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

| |
|---|
| 1, Kandacho 2-chome, Ogaki-shi, Gifu, 503-0917 Japan |
| Akihiko Sugiura |
| 5-202 Takashijutaku, 2-1 Azahigashiura, Kitayama-cho, |
| Toyohasi-shi, Aichi 441-8105 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 including any and all divisions, continuations, substitutes, and reissues thereof; and all resulting patents, known as

TITLE OF
INVENTION

COMMUNICATION BREAKING DEVICE AND METHOD THEREOF

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

NOTE → →
(Complete
line A, B and/or C)(A) ☐ even date herewith(B) ☐ on(C) ☒ in U.S. Appln. No. 09 / 345,755 filed July 1, 1999

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 testify 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, Intellectual Property Group, of the above address to insert hereon any further identification necessary or desirable for recordation of this document.

INVENTOR(S)**DATE SIGNED****WITNESSES**

| | | |
|---------------------------|------------------------|---------------------------|
| 1) <u>Akihiko Sugiura</u> | <u>August 18, 1999</u> | <u>Tomohiro Nishikawa</u> |
| Name: Akihiko Sugiura | August 18, 1999 | Tomohiro Nishikawa |
| 2) _____ | _____ | _____ |
| Name: _____ | _____ | _____ |
| 3) _____ | _____ | _____ |
| Name: _____ | _____ | _____ |
| 4) _____ | _____ | _____ |
| Name: _____ | _____ | _____ |
| 5) _____ | _____ | _____ |
| Name: _____ | _____ | _____ |

IF ADDITIONAL INVENTORS, check box ☐ and continue on page 2.