

**PATENT**  
**REEL: 9492 FRAME: 0359**

## Assignment

172A 2784

- (1) Kiyoshi Nakamura  
 (2) Koichi Hirama  
 (3) \_\_\_\_\_ and  
 (4) \_\_\_\_\_

(1-4) Insert Name(s) of Inventor(s)

In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign and hereby does assign, transfer and set over to

(5) Insert name of Assignee

(5) Kiyoshi Nakamura and Toyo Communication Equipment Co., Ltd.

(6) Insert address of Assignee

(6) 18-2, Minaminakayama 3-chome, Izumi-ku, Sendai-shi, Miyagi  
981-3213, Japan; and 1-1, Koyato 2-chome, Samukawa-machi,Kouza-gun, Kanagawa 253-0192, Japan; respectively

(hereinafter designated as the Assignee) the entire right, title and interest for the United States, its territories, dependencies and possessions, in the invention known as

(7) Insert Title of Invention

(7) PIEZOELECTRIC VIBRATOR FOR SUPPRESSING HARMONIC VIBRATIONS OF  
LOWER ORDERS

for which the undersigned has (have) executed an application for patent in the United States of America

(8) Insert Date of Signing of Application

(8) on September 14, 1998

1) The undersigned agree(s) to execute all papers necessary in connection with the application and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed and will not execute, any agreement in conflict herewith.

6) The undersigned hereby grant(s) WILLIAM L. ANDROLIA, Reg. No. 27,177 and H. HENRY KODA, Reg. No. 27,729, 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 United States Patent Office for recordation of this document.

Date September 14, 1998 Signature of Inventor Kiyoshi Nakamura (SEAL)Date September 14, 1998 Signature of Inventor Koichi Hirama (SEAL)

Date \_\_\_\_\_ Signature of Inventor \_\_\_\_\_ (SEAL)

Date \_\_\_\_\_ Signature of Inventor \_\_\_\_\_ (SEAL)

This assignment should preferably be signed before: (a) a Notary Public if within the U.S.A. (b) a U.S. Consul if outside the U.S.A. If neither, then it should be signed before at least two witnesses who also sign here:

Date September 14, 1998 Witness AKIHISA MORIDate September 14, 1998 Witness Hitoshi Suzuki