

07-14-1999

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Attorney Docket No.: 51270-245581

To the Assistant Comm

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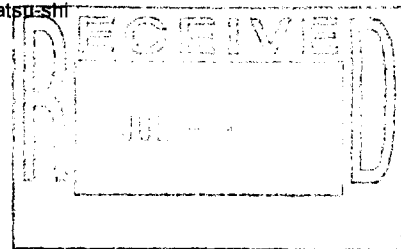
original documents or copy thereof.

1. Name of conveying party(ies):

- 1) Masafumi Toshitani
- 2) Kinya Inoue
- 3) Hiromi Imura
- 4) Hitoshi Koseki
- 5) Sadayuki Narusawa
- 6) Shuichi Esaki

2. Name and address of receiving party(ies):

Yamaha Corporation
10-1, Nakazawa-cho, Hamamatsu-shi
Shizuoka-ken, Japan



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

3. Nature of conveyance:

MRD 7-9-99

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

Additional name(s) & address(es) attached? Yes No

Execution Date: 1) October 26, 1998; 2) October 27, 1998;
3) October 27, 1998; 4) October 23, 1998; 5) October 27, 1998;
6) October 27, 1998

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 is: _____

A. Patent Application No.(s)
S/N: 09/160,678
Filed: September 25, 1998

B. Patent No.(s)

Additional numbers attached? Yes No

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

Roger R. Wise, Esq.
PILLSBURY MADISON & SUTRO LLP
725 South Figueroa Street, Suite 1200
Los Angeles, CA 90017-5443

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

8. Deposit account number: 16-1805

(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing is true and correct and the attached is the original document.

Roger R. Wise

Roger R. Wise

Date: July 8, 1999

OMB No. 0651-0011 (exp. 4/94)

Mail documents to be recorded with required cover sheet information to:

Assistant Commissioner for Patents

Box Assignments

Washington, D.C. 20231

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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office



Attorney Docket No.: 51770-245881

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...al documents or copy thereof.

11/16/98

To the Assistant Commiss

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B. Patent No.(s)

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing is true and correct and the attached is the original document.

Date: November 13, 1998

Roger R. Wise

OMB No. 0651-0011 (exp. 4/94)

Mail documents to be recorded with required cover sheet information to:

Assistant Commissioner for Patents
Box Assignments
Washington, D.C. 20231

ASSIGNMENT

H7022 US
AP-1203 (US X)

Attorney Docket No. _____

(1-8) Insert Name(s) of Inventor(s)

- (1) Masafumi TOSHITANI
- (2) Kinya INOUE
- (3) Hironi IMURA
- (4) Hitoshi KOSEKI
- (5) Sadayuki NARUSAWA
- (6) Shuichi ESAKI
- (7) _____
- (8) _____

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

(9) Insert name of Assignee

(9) YAMAHA CORPORATION

(10) Insert state of Incorporation of Assignee

(10) Shizuoka-ken, Japan

(11) Insert address of Assignee

(11) of_10-1, Nakazawa-cho, Hamamatsu-shi, Shizuoka-ken, Japan (hereinafter designated as the Assignee) the entire worldwide right, title and interest in the invention known as

(12) Insert identification of Invention, such as Title, Case Number or Foreign Application Number

FREQUENCY CONTROL APPARATUS AND METHOD, AND STORAGE MEDIUM
(12) STORING A PROGRAM FOR CARRYING OUT THE METHOD

(Case No. _____)
for which the undersigned has (have) executed an application for patent in the United States of America

(13) Insert Date of Signing of Application

(13) on October 23 & 26 & 27, 1998

1) The undersigned agree(s) to execute all papers necessary in connection with an application in each of the countries of Schedule A 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) full right to convey the entire interest herein assigned, and that he has (they have) not execute, any agreement in conflict herewith.

6) The undersigned hereby appoints Paul N. Kokulis, Reg. No. 16,773; Raymond F. Lippitt, Reg. No. 17,519; G. Lloyd Knight, Reg. No. 17,698; George M. Sirilla, Reg. No. 18,221; Carl G. Love, Reg. No. 18,781; Kevin E. Joyce, Reg. No. 20,508; Edgar H. Martin, Reg. No. 20,534; David W. Brinkman, Reg. No. 20,817; Jay M. Finkelstein, Reg. No. 21,082; William K. West, Jr., Reg. No. 22,057; Edward M. Prince, Reg. No. 22,429; G. Paul Edgell, Reg. No. 24,238; Donald J. Bird, Reg. No. 25,323; Peter W. Gowdey, Reg. No. 25,872; W. Warren Taltavull, Reg. No. 26,647; Richard H. Zaitlen, Reg. No. 27,248; Glenn J. Perry, Reg. No. 28,458; Dale S. Lazar, Reg. No. 28,872; Kendrew H. Colton, Reg. No. 30,368; Mark G. Paulson, Reg. No. 30,793; Barry L. Grossman, Reg. No. 30,844; John P. Moran, Reg. No. 30,906; Paul E. White, Jr., Reg. No. 31,097; Roger R. Wise, Reg. No. 31,204; Stephen C. Glazier, Reg. No. 31,361; Paul F. McQuade, Reg. No. 31,542; Jeffrey A. Simenauer, Reg. No. 31,933; Michelle N. Lester, Reg. No. 32,331; David A. Jakopin, Reg. No. 32,995; Timothy J. Klima, Reg. No. 34,852; Lynn E. Eccleston, Reg. No. 35,861; Paul G. Nagy, Reg. No. 37,896; Steven W. Smyrski, Reg. No. 38,312; Richard K. Yoon, Reg. No. 42,247 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 and Trademark Office for recordation of this document.

Date: 1998 Oct 26 Signature of Inventor Masafumi Yoshitani

Date: 1998 Oct 27 Signature of Inventor Kenya Inoue

Date: 1998 Oct 27 Signature of Inventor Yasumi Amuro

Date: 1998 Oct 28 Signature of Inventor Hidoshi Kaseki

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Date: 1998 Oct 27 Signature of Inventor Sadamichi Harusawa

Date: 1998 Oct 27 Signature of Inventor Shuichi Gaki

Date: _____ Signature of Inventor _____

Date: _____ Signature of Inventor _____

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Date: 1978 Oct 26 Signature of Inventor Masafumi Yoshitane

Date: 1978 Oct 27 Signature of Inventor Hiroya Inoue

Date: 1978 Oct 27 Signature of Inventor Hiromi Amura

Date: 1978 Oct 28 Signature of Inventor Hitoshi Kaseki

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