

09-24-1999



Attorney Docket No.: 51270-245613

101154583

To the Assistant Commissioner, please record the attached original documents or copy thereof.



1. Name of conveying party(ies):
SUZUKI, Satoshi
KONDO, Takayasu

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

MRD
9-14-99

2. Name and address of receiving party(ies):
YAMAHA CORPORATION
10-1, Nakazawa-cho, Hamamatsu-shi
Shizuoka, Japan

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

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____
Execution Date August 21, 1999 and August 23, 1999

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

4. Application number(s) or patent number(s): 09/396,091
If this document is being filed together with a new application, the execution date of the application is: August 21, 1999 and August 23, 1999

A. Patent Application No.(s)

Additional numbers attached? Yes No

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
Date: September 14, 1999

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

(09/23/1999 DNGUYEN 00000143 09396091)
(01 FC:581 40.00 OP)

ASSIGNMENT

Attorney Docket No. 51270-245613

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

- (1) Satoshi Suzuki (5) _____
- (2) Takayasu Kondo (6) _____
- (3) _____ (7) _____
- (4) _____ (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) Japan

(11) *Insert address of Assignee*

(11) 10-1, Nakazawa-cho, Hamamatsu-shi, Shizuoka, 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*

(12) DIGITAL ECHO CIRCUIT
(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 August 21, 1999 and August 23, 1999

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; G. Paul Edgell, Reg. No. 24,238; Donald J. Bird, Reg. No. 25,323; Peter W. Gowdey, Reg. No. 25,872; 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; 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; 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; Peter J. Gluck, Reg. No. 38,022; Steven W. Smyrski, Reg. No. 38,312; Richard K. Yoon, Reg. No. 42,247; Eric S. Chen, Reg. No. 43,542; Vivian S. Shin, Reg. No. 43,919
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: 1999 Aug 21 Signature of Inventor Satoshi Suzuki

Date: 1999 Aug 23 Signature of Inventor Takayan Kondo

Date: _____ Signature of Inventor _____

Date: _____ Signature of Inventor _____

Date: _____ Signature of Inventor _____

Date: _____ Signature of Inventor _____

Date: _____ Signature of Inventor _____

Date: _____ Signature of Inventor _____