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RE



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101532032

Attorney Docket No.: 51270.0245664
Express Mail Label No.: EL 669 015 978 US

To the Assistant Commissioner for Patents: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Minoru Saito signed October 18, 2000
Kazunobu Fujiwara signed October 18, 2000
Kazuhiko Honda signed October 19, 2000

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

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

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

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

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name

Other

Execution Date: October 18, 2000 and October 19, 2000

4. Application number(s) or patent number(s):

09703548

If this document is being filed together with a new application, the execution date of the application is: October 18, 2000 and October 19, 2000

A. Patent Application No.(s) Not Assigned

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

Date: November 1, 2000

Roger R. Wise, Reg. No. 31204

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

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

Assistant Commissioner for Patents
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09/703548
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PATENT
REEL: 011271 FRAME: 0027

USA Patent Appln.
Sole or Joint

Atty. Dkt. 51270.0245664

NONPROVISIONAL

NONPROVISIONAL

ASSIGNMENT OF NONPROVISIONAL APPLICATION

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) MINORU SAITO	(4)
	(2) KAZUNOBU FUJIWARA	(5)
	(3) KAZUHIKO HONDA	(6)

the receipt and sufficiency of which are hereby acknowledged. the undersigned hereby sell(s), assign(s) and transfer(s) unto:

INSERT NAME(S) OF ASSIGNEE(S) & ADDRESS(ES)	YAMAHA CORPORATION
	10-1, Nakazawa-cho, Hamamatsu-shi, Shizuoka-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 including any and all divisions, continuations, substitute, and reissues thereof, and all resulting patents, known as

TITLE OF INVENTION OPTICAL DISK RECORDING APPARATUS HAVING PUSH-PULL SIGNAL PROCESSING CIRCUIT, WOBBLE EXTRACTION CIRCUIT AND PRE-PIT DETECTION CIRCUIT

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. _____ / _____ filed _____

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 attorneys 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) the attorneys of record of Pillsbury Madison & Sutro, to insert hereon any further identification necessary or desirable for recordation of this document.

	<u>INVENTOR(S)</u>	<u>DATE SIGNED</u>	<u>WITNESSES (OPTIONAL)</u>
1) Name:	<u>Minoru Saito</u>	<u>Oct 18, 2000</u>	_____
2) Name:	<u>Kazunobu Fujiwara</u>	<u>Oct. 18, 2000</u>	_____
3) Name:	<u>Kazuhiiko Honda</u>	<u>Oct. 19, 2000</u>	_____
4) Name:	_____	_____	_____
5) Name:	_____	_____	_____
6) Name:	_____	_____	_____

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