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TO THE ASSISTANT COMMISSIONER
SIR: PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OR COPY THEREOF.

101869939

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

1. Yoshihiko SHIOZAKI signed September 3, 2001

2. Tomoaki HIRAI signed September 17, 2001

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4.
5.
6.
7.
8.

09/24/01

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

JCS21 U.S. PTO
09/26/01
09/26/01

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

NAME: Yamaha Corporation

ADDRESS: 10-1, Nakazawa-cho, Hamamatsu-shi, Shizuoka-ken, 430-8650 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)

09/26/01

- ASSIGNMENT OF WHOLE PART INTEREST
- ORIGINAL FACSIMILE/PHOTOCOPY
- CHANGE OF NAME VERIFIED TRANSLATION
- SECURITY MERGER OTHER:

EXEC. DATE: September 3, 2001 and September 17, 2001

EXECUTION DATE(S) ON THE DECLARATION IF FILED HEREWITH: (**NOTE:** IF DATES ON DECLARATION AND ASSIGNMENT DIFFER SEE ATTY!) September 3, 2001 and September 17, 2001

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
	0277016				

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

Pillsbury Winthrop LLP
Intellectual Property Group
725 South Figueroa Street, Suite 2800

Los Angeles, CA 90017-5406

6. NUMBER INVOLVED:
APPLNS 1 + PATS 0 = TOTAL 1

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

5.5 ATTY DKT:

P 027 7016	H7523US
MATTER NO.	CLIENT REF.

8. IF ABOVE FEE IS MISSING OR INADEQUATE CHARGE INSUFFICIENCY TO DEPOSIT ACCOUNT NUMBER: 03-3975		
UNDER ORDER NO	051270	027 7016
dup. sheet not required	CLIENT NO.	MATTER NO.

9.

Signature

10. Total number of pages including this cover sheet, attachments and document (do not file dup. Cover sheet)	3
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Attorney: Roger R. Wise Date: September 26, 2001
 Reg. No. 31204 Atty/Sec: RRW/jes TEL: (213) 488-7584 FAX: (213) 629-1033

FILE WITH PTO RETURN RECEIPT (PAT-103A)

10/05/2001 6TUM11 00000101 09964087
01 FC:581 40.00 BP

ASSIGNMENT

WHEREAS, Yoshihiko SHIOZAKI and Tomoaki HIRAI
(hereinafter designated as the undersigned) has (have) invented certain new and useful
improvements in OPTICAL DISK RECORDING AND REPRODUCING APPARATUS
for which an application for Letters Patent of the United States of America
has been filed by the undersigned , and;

WHEREAS, YAMAHA CORPORATION of 10-1, Nakazawa-cho, Hamamatsu-shi,
Shizuoka-ken, 430-8650 Japan its heirs, successors, legal
representatives and assigns (hereinafter designated as the Assignee) is desirous of acquiring
the entire right, title and interest in and to said invention and in and to any Letters Patent(s)
that may be granted therefor in the United States of America;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to the
undersigned in hand paid, the receipt of which is hereby acknowledged, and other good and
valuable consideration, the undersigned has (have) sold, assigned and transferred, and by
these presents do sell, assign and transfer unto said Assignee the full and exclusive right to the
said invention in the United States of America and its territories and for all foreign countries,
dependencies and possessions and the entire right, title and interest in and to any and all
Letters Patent(s) which may be granted therefor in the United States of America and its
territories, dependencies and possessions, and in and to any and all divisions, reissues,
continuations and extensions thereof for the full term or terms for which the same may be
granted.

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

The undersigned agree(s) to execute all papers necessary in connection with any
interference which may be declared concerning this application or any continuation, division
or reissue thereof or Letters Patent(s) or reissue patent issued thereon and to cooperate with
the Assignee in every way possible in obtaining and producing evidence and proceeding with
such interference.

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

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue any and all Letters Patents of the United States of America resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the 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.

The undersigned hereby grant(s) the law firm of Pillsbury Winthrop LLP 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 U.S. Patent and Trademark Office for recordation of this document.

This Assignment has been executed by the undersigned on the date(s) opposite the undersigned name(s).

Date 2001 Sep. 3 Name of Inventor Yoshihiko Shiozaki (SEAL)
Yoshihiko SHIOZAKI

Date 2001 Sep. 17 Name of Inventor Tomoaki Hirai (SEAL)
Tomoaki HIRAI