FORM PTO-1595		
(REV 6-93)		

RECO



U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

OMB No. 0651-011 (exp.4/94)	01940310 YAMAP0780US
	narks: Please record the attached original documents or copy thereof.
1. Name of conveying party(ies): Masahiro Inata; Teruvaki Takizawa; Yoshito Saji; Yukio Nishino JAN 0 3 2002 Additional name(s) of conveying party(ies) attached? [Yes [x] No	Name and address of receiving party(ies): Name: Matsushita Electric Industrial Co., Ltd. Internal Address:
3. Nature of conveyance:	Street Address: 1006, Oaza Kadoma, Kadoma-shi
[x] Assignment [] Merger [] Security Agreement [] Change of Name [] Other Execution Date: September 26, 2001	City: Osaka State/Country: Japan ZIP: 571-8501 Additional name(s) & address(es) attached? [] Yes [x] No
A. Patent Application No.(s) 09/952,019	plication, the execution date of the application is: B. Patent No.(s) attached? [] Yes [x] No
	6. Total number of applications and patents involved: [1]
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Neil A. DuChez	7. Total fee (37 CFR 3.41)\$40.00
Internal Address: Renner, Otto, Boisselle & Sklar	[x] Enclosed
	[] Authorized to be charged to deposit account
Street Address: 1621 Euclid Avenue 19th Floor	8. Deposit account number: 400
City: Cleveland State: Ohio ZIP: 44115	(Attach duplicate copy of this page if paying by deposit account)
	NOT USE THIS SPACE
of the original document. Neil A. DuChez	October 18, 2001 Signature Date
Reg. No Total number of pages including	g cover sheet attachments, and document: [3]

Mail documents to be recorded with required cover sheet information Commissioner of Patents & Trademarks, Box Assignments

ASSIGNMENT

WHEREAS, the ASSIGNOR(S), being the following named inventors(s):

Masahiro INATA B-404, Minamioginohaitsu, 20-3, Aza Nonoguchi, Aramaki, Itami-shi, Hyogo 664-0001 Japan

Teruyuki TAKIZAWA 30-5-70, Miiminamimachi, Neyagawa-shi, Osaka 572-0019 Japan

Yoshito SAJI 3-38, Taishacho, Nishinomiya-shi, Hyogo 662-0867 Japan

Yukio NISHINO 3-4-13, Tatsutagawa, Heguri-cho, Ikoma-gun, Nara 636-0912 Japan

For: DISC APPARATUS

for which application for Letters Patent of the United States was executed on the date indicated below, and

WHEREAS, the ASSIGNEE:

MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 Japan

is desirous of acquiring the entire interest in, to and under said invention and the United States Letters Patent to be obtained therefor.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment by ASSIGNEE to ASSIGNOR(S) of the sum corresponding to One Dollar (\$1.00), and for other good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(S) hereby sells, assigns and transfers to ASSIGNEE the full and exclusive right, title and interest to said invention and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, United States to be obtained thereof for the full term or terms for which the same may be granted.

ASSIGNOR(S) hereby covenants that no assignment, sale, agreement, charge or other encumbrance has been or will be entered into which would conflict with this assignment and sale.

PATENT REEL: 012429 FRAME: 0258 ASSIGNOR(S) further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent as may be known and accessible to ASSIGNOR(S) and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or his legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.

Signed:	Date:
Masakiro Inata	September 26, 200/
Masahiro INATA	
Teruyuki Takizawa Teruyuki TAKIZAWA 9/26/01 Y.S.	26. Sep. 2003
Teruyuki TAKIZAWA 9/26/61 Y.S.	
Joshito San	26, Sep. 2001
Voshito SAJI	
zukio nishino	26, Sep. 2001
Yukio NISHINO	

RECORDED: 01/03/2002

PATENT REEL: 012429 FRAME: 0259