FORM PTO-1595 U.S. Department of Comme 1-31-92 10-16-2002 Patent and Trademark Office Attorney Docket No. 04269.0321 Attorney Customer Number: 22,852 To the Honorable Commission Please record the attached orig 102250328 Name of conveying party (153). Name and address of receiving party(ies): 1. Yoshikazu TAKAGISHI 2. Atsuo SHIMIZU Name: 3. Ryuichi SUNAGAWA 4. Keiichi IDA TAIYO YUDEN CO., LTD. 5. Mitsuo SEKIGUCHI 6. Isao MATSUDA Internal Address: Additional name(s) of conveying party(ies) attached?

Yes

No 3. Nature of conveyance: Street Address: 16-20, Ueno 6-chome, Taito-ku, Tokyo 110-0005 JAPAN \boxtimes Assignment Merger City: Security \Box Change of Name State: Zip Code: Agreement Other: Additional name(s) & Address(es) attached? **Execution Date:** July 25, 2002 ☐ Yes ☑ No 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: July 25, 2002 B. Patent Application Number(s): A. Patent Number(s): 1203761 Additional numbers attached? ☐ Yes ☑ No 5. Name and address of party to whom correspondence 6. Total number of applications and registrations concerning document should be mailed: involved: Name: Mr. Ernest F. Chapman 7. Total fee (37 CFR 3.41): \$40 \boxtimes Enclosed (Please charge deficiency to deposit account) Authorized to be charged to deposit account FINNEGAN, HENDERSON, FARABOW, GARRETT Internal Address: & DUNNER, L.L.P. Street Address: 1300 I Street, N.W. Washington, D.C. City: State: Zip: 20005-3315 Deposit Account No.: 06-0916 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Richard V. Burquiian August 13, 2002 Reg. No. 31,744

Total number of pages including cover sheet, attachments and documents:

PATENT

Date

REEL: 013374 FRAME: 0544

ATTORNEY DOCKET NO .:

SOLE/JOINT INVENTION (U.S. Rights Only)

ASSIGNMENT

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled: OPTICAL INFORMATION RECORDING MEDIUM, RECORDING/REPRODUCING METHOD AND DEVICE FOR SAME, AND OPTICAL PICKUP

for which I/WE executed an applicatio				
herewith or onPatent on				
1400114 011	.,	OCTIAL NO		
WHEREAS, TAIYO YUDEN CO., LTD.				
a corporation of Japan			, who	ose post office
address is 16-20, Ueno 6-chome, Tait	o-ku, Tol	yo 110-0005 Ja	pan	•
(hereinafter referred to as Assignee) interest in and to this invention, the invention and the Letters Patent to be	ne applica	ation for Unite	d States Let	
NOW THEREFORE, be it known that which from assignee is hereby acknowl transferred, and set over, and do her assignee, its lawful successors and and to this invention and this applicand all Letters Patent of the United thereof; and I/WE hereby authorize and of the United States to issue all Let cessors and assigns, in accordance with	edged, I, reby sell, assigns, reation, are States what request ters Pate	WE, as assigno, assign, trans my/our entire r nd all division nich may be gra the Commission ent for this in	r(s), have sfer, and setight, title, s, and continted thereon or Paten vention to a	old, assigned, over unto the and interest in nuations thereof, and all reissues ats and Trademarks
AND, I/WE HEREBY further covered consideration, communicate with assigne/us respecting this invention and twhen called upon to do so, execute and desirable to perfect the title to this assigns, execute all divisional, controlled and generally do everything possible to being understood that any expense incomposition by the assignee, its successors and assignee.	mee, its testify in deliver invention sible to testion for the cident to testion the testion	successors and any legal pro all papers the ion in said ass, and reissue a aid assignee, or this inventi	assigns, an ceeding, sig at may be ne ignee, its splications, its successoon in the Un	ny facts known to m all lawful papers cessary or successors and make all rightful ors and assigns, to sited States, it
AND, I/WE HEREBY authorize and Declaration and Power of Attorney in (Application No, filed _	this app	lication, to in	sert here in	parentheses
application number of said application				-
IN TESTIMONY WHEREOF, I/We have				
1. Full Name of Sole or First Assigno Yoshikazu TAKAGISHI		gnor's Signatur Nikaya Takaga		: Date
Address c/o TAIYO YUDEN CO., LTD.,				July 25, 2002
Tokyo 110-0005 Japan	10.20,	ocho o-chome, in	arro-ku,	: Citizenship : Japanese
2. Full Name of Second Assignor	: Assid	gnor's Signatur	е	: Date
Absuo SHIMIZU	: A1	suo Shimizu		: July 25, 2002
Address c/o TAIYO YUDEN CO., LTD.,	16-20, I	Jeno 6-chome, Ta	aito-ku,	: Citizenship
Tokyo 110-0005 Japan	·			: Japanese
3. Full Name of Third Assignor Ryuichi SUNAGAWA		gnor's Signatur Mulchi Samaga		: Date :July 25, 2002
		Jeno 6-chome, Ta		: Citizenship
Tokyo 110-0005 Japan				: Japanese

FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P. . WASHINGTON, D.C.

PATENT REEL: 013374 FRAME: 0545

RECORDED: 08/13/2002

4. Full Name of Fourth Assignor		: Date
Keiichi IDA	: Krijchi I da.	: July 25, 2002
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Tokyo 110-0005 Japan	<u> </u>	: Japanese
5. Full Name of Fifth Assignor Mitsuo SEKIGUCHI	: Assignor's Signature	: Date
		: July 25, 2002
Address c/o TAIYO YUDEN CO., LTD.,	16-20, Ueno 6-chome, Taito-ku.	: Citizenship
Tokyo 110-0005 Japan	,	: Japanese
6. Full Name of Sixth Assignor	: Assignor's Signature	: Date
Isao MATSUDA	: Isac matsuda	: July 25, 2002
Address c/o TAIYO YUDEN CO., LTD.,	16-20 Heno 6-chome Taitto-ku	: Citizenship
Tokyo 110-0005 Japan	- 10, odie o oliomo, lalbo-ku,	: Citizenship : Japanese
7. Full Name of Seventh Assignor	: Assignor's Signature	
7. Full name of Seventin Assignor	: Assignor's signature	: Date
Address		- :
Address		: Citizenship
O . D. 11 . March		:
8. Full Name of Eighth Assignor	: Assignor's Signature	: Date
Address	:	: Citizenship
Address		: Cicizenship
9. Full Name of Ninth Assignor	: Assignor's Signature	: Date
J. I dall Hame of Hiller Hobigion	. Apprend b brandenc	. Date
Address		: Citizenship
Addicas		: Citizenship
10. Full Name of Tenth Assignor	: Assignor's Signature	: Date
10.1 dil 14ame of felich Abbigliot	. Apprendi b brendedic	. Date
Address	· · · · · · · · · · · · · · · · · · ·	: Citizenship
Addless		: cicizenship
11.Full Name of Eleventh Assignor	: Assignor's Signature	: Date
11. Full Name of Bievenich Assignor	. Assignor s signature	: Date
Address	•	Cá bá namabi-
AUGT CDD		: Citizenship
12.Full Name of Twelfth Assignor	. Aggignor/g Signature	· Data
12. Full Name of Iweffen Assignor	: Assignor's Signature	: Date
Address		
Address		: Citizenship
		•

PATENT **REEL: 013374 FRAME: 0546**