RECORDATI FORM PTO-1595 DEPARTMENT OF COMMERCE (Rev. 10/02) Patent and Trademark Office 102589882 Docket No.: 66315-013 PA To the Honorable Commissioner for Patents and Trademarks: Please record the attached original documents or copy thereto: 1. Name of Conveying Party(ies): 2. Name and address of receiving party(ies): Kenji NAGATOMI, Seiji KAJIYAMA, Yoichi Tuchiya Name: SANYO ELECTRIC CO., LTD. Address: 5-5 Keihanhondori 2-chome. Additional name(s) of conveying party(ies) attached? Yes No Moriguchi-shi, 3. Nature of Conveyance: Osaka JAPAN Assignment Merger Security Agreement Change of Name Other October 9, 2003, October 9, 2003, October 14, Execution Date: 2003 Additional name(s) & address(es) attached? Yes No 4. Application number(s) or patent number(s): If the document is being filed together with a new application, the execution date of the application is: October 9, 2003, October 9, 2003, October 14, 2003 A. Patent Application No(s). 10689655 B. Patent No(s). Additional numbers attached?

Yes

No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: Name: MCDERMOTT, WILL & EMERY 7. Total fee (37 CFR 3.41) \$40.00 Internal Address: ☐ Enclosed Authorized to be charged to deposit account Street Address: 600 13th Street, N.W. 8. Deposit account number: 500417 Washington City: D. C. State: 20005-3096 0/2003 DBYRME 00000053 500417 D:80F1 40.00 DA DO NOT USE THIS SPACE 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. Arthur J. Steiner, 26,106 October 22, 2003 Name and Registration No. of Person Signing Signature Date Total number of pages including cover sheet: OMB No. 0651-0027 (exp. 6/30/2005)

> PATENT REEL: 014636 FRAME: 0596

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Kenii Nagatomi

ASSIGNMENT

In	consideration	of the premis	ses and othe	r good and	valuable	consideration in	n
hand paid	, the receipt an	d sufficiency of	of which is h	ereby ackno	wledged,	the undersigned,	,

(1)

(-)		
(2)	Seiji Kajiyama	(5)
(3)	Yoichi Tsuchiya	(6)
who	have made a certain new and	d useful invention, hereby sell, assign and transfer unto
SAN	YO Electric Co., Ltd., a co	orporation of Japan and having an address of
		Ioriguchi-shi, Osaka, Japan

its successors and assigns (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 entitled

OPTICAL PICKUP DEVICE AND RECORDING AND / OR REPRODUCING DEVICE

- (a) for which an application for United States Letters Patent was filed on and identified by United States Serial No. ; or
- (b) for which an application for United States Letters Patent was executed on,

and the undersigned hereby authorize and request the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

PATENT REEL: 014636 FRAME: 0597

SIGNED on the dates indicated aside our signatures:

RECORDED: 10/22/2003

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	INVENTORS	DATE SIGNED
1)	Kenji Nagatomi Name: Kenji Nagatomi	9/October/2003
	Name: Kenji Nagatomi	
2)	Soīli Karivama	9/october/2003
	Name: Seiji Kajiyama	
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