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I.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

Attorney Docket No.

135983

			<u> </u>
		Please record the attached orig	ginal document or copy thereof.
1.	A.	Name of conveying party:	2. A. Name and address of receiving party:
		[1] Hideaki ISHIZAKI	PIONEER KABUSHIKI KAISHA
	В.	Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No	4-1, MEGURO 1-CHOME, MEGURO-KU TOKYO 153-8654 JAPAN
3.	Α.	Nature of conveyance:	B. Additional name(s) & address(es) attached? ☐Yes ☑ No
	\boxtimes	Assignment	
		Security Agreement	
		Other	
	В.	Execution Date: [1]: March 4, 2008	
4.	\boxtimes	This document is being filed together with a new applica	ation.
	A.	Patent Application No.(s)	B. Patent No.(s)
		Additional numbers atta	r ached? □ Yes ☑ No
	C.	Title of Application: DIGITAL VIDEO DISK PLA	YER
5.		ne and address of party to whom correspondence cerning document should be mailed:	6. Total number of applications and patents involved: 1
	Na	me: James A. Oliff	7. A. Total fee (37 CFR 3.41)\$ 40.00
			B. Enclosed (Check No. 203355)
	Ad	dress: OLIFF & BERRIDGE, PLC P.O. Box 320850 Alexandria, VA 22320-4850	Credit any overpayment or charge any underpayment to deposit account number 15-0461.
9.	To t	tement and signature. the best of my knowledge and belief, the foregoing information original document.	ation is true and correct and any attached copy is a true copy of
		flus/	03/13/2008 MJAMO 00000046 29300280 Date: March / 2008
		nes A. Oliff Registration No. 27,075 ndi B. Isaacs Registration No. 56,046 Total number of pages in	01 FC:8021 40.00 ncluding cover sheet, attachments, and document: 2

PATENT REEL: 020655 FRAME: 0909

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Inconsideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, each undersigned agrees to assign, and hereby does assign, transfer an act over to Insert Name of Assigner* Name of Assigner* Name of Assigner* Address of Assigner* Debt. Chemical State Science and Assigner* As			(3)		(7)		
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Application Number (Attorney Docket No. 135983 for which the undersigned has (have) executed an application for patent in the United States of Americ on even date herewith or (12) Insert Date of Signing of (12) March 4, 2008 Application (13) Alternative (13) U.S. application Serial Number Identification for filed applications filed March 7, 2008 1) Each undersigned agrees to execute all papers necessary in connection with any application and any continuing, divisional or reissue applications for the invention, and any patent(s) issuing thereon, and also to execute separate assignments in connection with such applications and patents as the Assignee may deem necessary. 2) Each undersigned agrees to execute all papers necessary in connection with any interference which may be declared concerning any application or continuation or division thereof, or any patent or reissue application based thereon, for the invention, and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference. 3) Each undersigned agrees to execute all papers and documents and perform any act which may be necessary in connection with such interference. 3) Each undersigned agrees to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements. 4) Each undersigned agrees to perform all affirmative acts which may be necessary to obtain, maintain or confirm by reissue or rexamination a grant of a valid United States patent to the Assignee. 5) Each undersigned authorizes and requests the Commissioner of the U.S. Patent and Trademark Office to issue any and all Letter Patents of the United States resulting from said application(s) to the said Assignee, as Assignee of the entire interest, and covenants that he had undersigned authorizes and requests the Commissioner of the U.S. Patent and Trademark Office to issue any and all Letter Patents of	(,	Identification					
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RECORDED: 03/07/2008

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