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Assignment Recordation Services Director of the U.S. Patent 103449278 and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450 Attorney Docket No. 134050 Please record the attached original document or copy thereof. Name and address of receiving party: Name of conveying party: DAI NIPPON PRINTING CO., LTD. Yuji NAKATSUGAWA 1-1-1, ICHIGAYA KAGACHO SHINJUKU-KU, TOKYO Additional name(s) of conveying party(ies) attached? 162-8001, JAPAN Yes No Additional name(s) & address(es) attached? Nature of conveyance: ☐Yes 🖾 No Assignment Security Agreement ☐ Change of Name Other_ Execution Date: September 7, 2007 \boxtimes This document is being filed together with a new application. Patent No.(s) Patent Application No.(s) C. Title of Application: <u>RETARDATION CONTROL ELEMENT, LIQUID CRYSTAL DISPLAY DEVICE</u> WITH THE RETARDATION CONTROL ELEMENT, METHOD OF PRODUCING THE RETARDATION **CONTROL ELEMENT** Name and address of party to whom correspondence Total number of applications and patents involved: $\underline{1}$ concerning document should be mailed: Name: James A. Oliff Total fee (37 CFR 3.41).....\$ 40.00 合 B. Enclosed (Check No. 197233) Credit any overpayment or charge any underpayment to Address: OLIFF & BERRIDGE, PLC P.O. Box 19928 deposit account number 15-0461. Alexandria, VA 22320 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 appy of the priginal document 09/28/2007 FC:8021 ndh Date: September 24, 2007 James A. Oliff Registration No. 27,075 Linda M. Saltiel Registration No. 51,122 Total number of pages including cover sheet, attachments, and document: 2

> PATENT REEL: 019914 FRAME: 0240

ASSIGNMENT

		(1) ~	TUI NAKATSUGAWA (5)	
(1-8)	Insert	(2)	(6)	
	Name(s) of Inventor(s)	(3)	(7)	
		(4)	(8)	
		paid to set over	In consideration of the sum of one dollar (\$1.00) and other good and valuable con each of the undersigned, each undersigned agrees to assign, and hereby does assign, tra	nsideration
(9)	Insert Name of Assignee	(9)	Dai Nippon Printing Co., Ltd.	
(10)	Insert Address of Assignee	(10)	1-1-1, Ichigaya Kagacho, Shinjuku-ku, Tokyo 162-8001, JAPAN	
(11)	Insert Identification	the entir inventio continua	after designated as the Assignee) and Assignee's heirs, successors, assigns and legal represere right, title and interest for the United States of America as defined in 35 U.S.C. §100, in on, and in all applications for patent including any and all provisional, non-provisional, divation, international, confirmation, substitute and reissue application(s), and all Letters Paterons, reissues and reexamination certificates that may be granted on the invention known as RETARDATION CONTROL ELEMENT, LIQUID CRYSTAL DISTINCT WITH THE RETARDATION CONTROL ELEMENT,	n the visional, ent,
	such as Title, Case Number, or Foreign Application Number	_	METHOD OF PRODUCING THE RETARDATION CONTROL ELEMENT	
	Application Number	(Attorn	ey Docket No. <u>134050</u>)
			ch the undersigned has (have) executed an application for patent in the United States of a date herewith or	f America
(12)	Insert Date of Signing of Application	(12) on		
(13)	Alternative	(13)	U.S. application Serial Number	
	Identification for filed applications	filed	September 24, 2007	
any appl the Assign claims of reexamin Patents of full right and agree identification	ication or continuation or dignee in every way possible in 3) Each undersigned agreer provisions of the Internation 4) Each undersigned agreemation a grant of a valid Unit 5) Each undersigned author the United States resulting to convey the entire interestes that this assignment is bir 6) Each undersigned herelation that may be necessary	vision ther nobtaining es to executional Converses to perform saids from saids therein as and therein as the property grants to the performance of	ate all papers necessary in connection with any interference which may be declared con- reof, or any patent or reissue application based thereon, for the invention, and to cooper g evidence and going forward with such interference. at all papers and documents and perform any act which may be necessary in connection ention for Protection of Industrial Property or similar agreements. Form all affirmative acts which may be necessary to obtain, maintain or confirm by reissur- patent to the Assignee. The requests the Commissioner of the U.S. Patent and Trademark Office to issue any and a diapplication(s) to the said Assignee, as Assignee of the entire interest, and covenants the dissigned, and that he has not executed, and will not execute, any agreements in conflict had and his heirs, successors, assigns and legal representatives. The firm of OLIFF & BERRIDGE, PLC the power to insert on this assignment any further the in order to comply with the rules of the United States Patent and Trademark Office for	rate with on with ue or all Letters hat he has nerewith,
	on of this document.	ed by the	undersigned on the date(s) opposite the undersigned name(s).	
Date	September 7, 2		Y	SEAL)
Date _				SEAL)
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Date _		 	Inventor Signature(S	SEAL)
If neither Date Date	This assignment should pref then it should be signed be September 7, 20 September 7, 200	fore at leas	signed before: (a) a Notary Public if within the U.S.A. (b) a U.S. Consul if outside the last two witnesses who also sign here: Witness 7 Liroyuki Pushimura Witness Shinni Hazashi	U.S.A.

RECORDED: 09/24/2007

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