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103575126 P.O. Box 1450 Alexandria, VA 22313-1450 Attorney Docket No. 143006 Please record the attached original document or copy thereof. A. Name of conveying parties: Name and address of receiving party: [1] Tomoyuki TOYODA SONY CHEMICAL & INFORMATION [2] Yusuke KAMATA **DEVICE CORPORATION** [3] Yoshihisa SHINYA GATE CITY OSAKI EAST TOWER 8F, 1-11-2, OSAKI, SHINAGAWA-KU, **TOKYO 141-0032 JAPAN** Additional name(s) of conveying party(ies) attached? ☐ Yes 🛛 No Nature of conveyance: Additional name(s) & address(es) attached? ☐Yes 🏻 No \boxtimes Assignment ☐ Merger Security Agreement ☐ Change of Name Other Execution Date: [1-3] August 31, 2009 4. \boxtimes This document is being filed together with a new application. Patent No.(s)_ Patent Application No.(s) ___ Title of Application: METHOD FOR PRODUCING IMAGE DISPLAY APPARATUS Name and address of party to whom correspondence Total number of applications and patents involved: 1 concerning document should be mailed: Name: James A. Oliff Total fee (37 CFR 3.41)......\$ 40.00 Enclosed (Check No. 222229) **OLIFF & BERRIDGE, PLC** Address: Credit any overpayment or charge any underpayment to P.O. Box 320850 deposit account number 15-0461. Alexandria, VA 22320-4850 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 topy of the original document.

40.4 Statement and signature. 40.00 bp Date: September 22, 2009 James A. Oliff, Registration No. 27,075 Kipman T. Werking, Registration No. 60,187 Total number of pages including cover sheet, attachments, and document: 2

> **PATENT** REEL: 023283 FRAME: 0431

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ASSIGNMENT

		(1) Tomoyuki TOYODA (5)
		Vusibe KAMATA
(1-8)	Insert Name(s) of Inventor(s)	Vochibine CHINNA
		(3) TOSHINISA SHINYA (7) and (4) (8)
		In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to
(9)	Insert Name of Assignee	(9) SONY CHEMICAL & INFORMATION DEVICE CORPORATION
(10)	Insert Address of Assignee	(10) Gate City Osaki East Tower 8F, 1-11-2, Osaki, Shinagawa-ku, Tokyo 141-0032 Japan
		(hereinafter designated as the Assignee) the entire right, title and interest for the United States of America as defined in 35 U.S.C. \$100, in the invention, and in all applications for patent including any and all divisions, continuations, substitutes, and reissues, and all Letters Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as
(11)	Insert Identifi- cation, such as Title, Case Number or Foreign Appli- cation Number	(11) PCT/JP2008/057070 filed on April 10, 2008.
		(Case No. 143006)
		for which the undersigned has (have) executed an application for patent in the United States of America
(12)	Insert Date of Signing of Application	(12) on <u>August 31, 2009</u>
(13)	Alternative Identification for filed applications	(13) U.S. application Serial Number
inter there going which Conve to ob to th to is or an of the	reference which may reof and to cooperate forward with such 3) The undersigned may be necessary intion for Protecti 4) The undersigned tain or confirm by the Assignee. 5) The undersigned with the such any and all Let by divisional, continue entire interest her received.	d agree(s) to execute all papers necessary in connection with any be declared concerning this application or continuation or division in the declared concerning this application or continuation or division interference. I agree(s) to execute all papers and documents and perform any act in connection with claims or provisions of the International on of Industrial Property or similar agreements. I agree(s) to perform all affirmative acts which may be necessary reissue or reexamination a grant of a valid United States patent of the United States patent of the United States resulting from said application in the said Assignee, as Assignee and hereby covenants that he has (they have) full right to convey the ein assigned, and that he has (they have) not executed, and will ents in conflict herewith. I dereby grant(s) the firm of OLIFF & BERRIDGE the power to insert in the United States Patent and Trademark Office for recordation of the United States Patent and Trademark Office for recordation of the United States Patent and Trademark Office for recordation of the United States Patent and Trademark Office for recordation of the United States Patent and Trademark Office for recordation of the United States Patent and Trademark Office for recordation of the United States Patent and Trademark Office for recordation of the United States Patent and Trademark Office for recordation of the United States Patent and Trademark Office for recordation of the United States Patent and Trademark Office for recordation of the United States Patent and Trademark Office for recordation of the United States Patent and Trademark Office for recordation of the United States Patent and Trademark Office for recordation of the United States Patent and Trademark Office for recordation of the United States Patent and Trademark Office for recordation of the United States Patent and Trademark Office for recordation of the United States Patent and Trademark Office for recordation of the United States Patent and Trademark Office for recordation o
		of, executed by the undersigned on the date(s) opposite the
Date		Jame of Inventor Tomoyuki Toyeda Tomoyuki TOYODA (SEAL)
Date	Angust 31, 2009 N	lame of Inventor yusuka kungli Yusuka KAMATA
Date	Aug. 31, 2009 N	Tame of Inventor Yoshifia Shira Shira Yoshihisa SHINYA (SEAL)
	N	ame of Inventor(SEAL)
Date	N	same of Inventor(SRAL)
Date	N	Tame of Inventor(SEAL)
Date	N	Same of Inventor(SEAL)
Date	N	ame of Inventor(SEAL)
J.S.A pefor	This assignment sho . (b) a U.S. Cons e at least two wit:	ould preferably be signed before: (a) a Notary Public if within the ul if outside the U.S.A. If neither, then it should be signed nesses who also sign here:
)ate	Hug. 11, 2007 1	Witness Jahroli Rupayama
Date .	Hug. 3/, 2009	Witness <u>midori noneka</u>

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