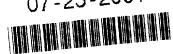
07-25-2001



FORM PTO-1596 U.S. DEPARTMENT OF COMMERCE 1-31-92 Patent and Trademark Office 101787681 Docket No.: 50427-739 To the Honorable Commissioner for Pa Please record the attached original documents or copy thereto: 2. Name and address of receiving party: 1. Name of Conveying Parties: Tsuyoshi OKADA, Ryosuke IIDA, Masato NISHIZAWA, MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. Katsumasa ONDA, and Michio MIWA Address: 1006, Oaza Kadoma Additional names of conveying parties attached? | Yes Kadoma-Shi 3. Nature of Conveyance: Osaka 571-8501, JAPAN Assignment Assignment Merger Security Agreement ☐ Change of Name Other Execution Date: July 3, 2001 Additional names & addresses attached? Yes 4. Application number or patent number: If the document is being filed together with a new application, the execution date of the application is: July 3, 2001 A. Patent Application No. B. Patent No. 09/899229 Additional numbers attached? Yes 6. Total number of applications and patents involved: 5. Name and address of party to whom correspondence concerning document should be mailed: Name: MCDERMOTT, WILL & EMERY 7. Total fee (37 CFR 3.41) \$40.00 ☐ Enclosed Internal Address: Authorized to be charged to deposit account Street Address: 600 13th Street, N.W. 8. Deposit account number: 500417 Zip: 20005 DC City: Washington State: 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. July 6, 2001 Cameron K. Weiffenbach, No. 44,488 Name and Registration No. of Person Signing Date Total number of pages comprising cover sheet: 1

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Docket No.:	

ASSIGNMENT  In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,		
(2) Ryosuke IIDA	(5) Michio MIWA	
(3) Masato NISHIZAWA	(6)	
who have made a certain new and useful invention, hereby se	ell, assign and transfer unto	
MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. of 1006, Oaza Kadoma, Kadoma-shi, Osaka 571-8501 Jaj	pan	
its successors and assigns (hereinafter designated "ASSIGNEE as defined in 35 U.S.C. 100 in the invention entitled	E") the entire right, title and interest for the United States of America	
PICTURE COMPOSING APPARATUS AND METHO	DD	
(a) for which an application for United States Letters Patent was States Serial No; or	as filed on, and identified by United	
(b) for which an application for United States Letters Patent	was executed on <u>July 3, 2001</u> ,	
United States Letters Patent which may be granted therefor a continuations, or continuations-in-part thereof, and the right to	States Commissioner of Patents and Trademarks to issue any and all and any and all extensions, divisions, reissues, substitutes, renewals, all benefits under the International Convention for the Protection of s ASSIGNEE, its successors, assigns and legal representatives; the ion shall hereafter act on behalf of said ASSIGNEE;	
for and obtaining original, divisional, reissued or extended Lette its successors, assigns and legal representatives, and without fur patent based thereon, growing out of or related to the said invent	interest, and to render all necessary assistance in making application ers Patent of the United States, upon request of the said ASSIGNEE, of the remuneration, in and to any improvements, and applications for tion; and to execute any papers by the said ASSIGNEE, its successors, EE's full protection and title in and to the invention hereby transferred.	
SIGNED on the dates indicated aside our signatures:		
INVENTORS	DATE SIGNED	
1) Zayoshi Okada Name: Tsuvoshi Okada		
2) Ryosuka Lida Name: Ryosuka Iida	July 3, 2001	
3) Nasa to Nishiyawa Name: Masato Nishizawa	July 3, 2001	
4) Natsumasa Onda	July 3, 2001	
Name: Katsumasa Onda  5)	July 3, 2001	
6) Name:		

PATENT REEL: 011994 FRAME: 0946