Form-PTO-1595 -31-92	12/17/97 TRANSM		
	Commissioner of Patents and	101234699	

Name of conveying party(ies):

Atsushi MIZUTOME Tomoyuki OHNO

MIN.	BIRLD BLUE INLICE CON LINES	-	· · · · · · · · · · · · · · · · · · ·			
		ATION Atty. Docket: 684.2907				
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	iginal documents or copy thereof. 2. Name and address of receiving party(ies):					
	2. Name and addr	ess of fecerv	ing party(ics).			
	Name: CANON K.	ABUSHIKI I	KAISHA			
			,			
	Foreign Address: 3-30-2 Shimomaruko, Ohta-ku,					
	m 1 x					
•	Tokyo, Japan					
	Domestic Address:					
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_	City:		State	ZIP		
	Additional name(s)	& address(e	s) attached?	□ Vac	X No	
	Traditional mario(s)	æ address(e	s) attached:	res	ANO	
n, the execution date of the application is:						
	B. Title of Inv					
	DISPLAY .	APPARAT U	S			
	Yes	X No				
		A NO				
	6. Number of appl	ications and	patents involv	/ed:		
		О	ne			
-	7. Total fee (37 C)	FD 2 /1),	ф	40.00		
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_	X Enclosed					
_	Authorized	to be charged	to deposit ac	count		
	8. Deposit account					
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-	(Attach duplicate copy of this page if paying by deposit					
account):						
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ıtic	ntion is true and the attached is the original document or is a					
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	Additional name(s) of conveying party(ies) that he?	Foreign Address: 3-30-2 Shimomaruko, Ohta-ku,				
	DE 17 1999	Tokyo, Japan				
3.	Nature of conveyance: X Assignment	Domestic Address:				
	Execution Date: December 6, 1999	City: State ZIP				
		Additional name(s) & address(es) attached? Yes X No				
4.	4. Application number(s) or patent number(s):					
l	If this document is being filed together with a new application,					
	A. Patent Application Number: 09/409,067	B. Title of Invention:				
	Fill B : 2 : 1 : 22 : 1022	DISPLAY APPARATUS				
	Filing Date: September 30, 1999					
	Additional numbers attached?	Yes X No				
5.	Name and address of party to whom correspondence concerning document should be mailed:	6. Number of applications and patents involved:				
	Name: Fitzpatrick, Cella, Harper & Scinto	One				
	30 Rockefeller Plaza	7. Total fee (37 CFR 3.41): \$40.00				
	j	X Enclosed				
	New York, New York 10112-3801	Authorized to be charged to deposit account				
	Telephone No.: (212) 218-2100	8. Deposit account number (for deficiency or excess)				
	Fassimila No. (212) 219 2200	06-1205				
	Facsimile No.: (212) 218-2200	(Attach duplicate copy of this page if paying by deposit				
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9.	Stat and signature.					
	To pest of my knowledge and belief, the foregoing information	on is true and the attached is the original document or is a				
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Scott . Malpede - Reg. No. 32,533 December 17, 1999						
Name of Person Signing Signature Date						
	Total number of	pages including cover sheet, attachments, and documents: 2				

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PATENT REEL: 010457 FRAME: 0087

Assignment

FOR VALUE RECEIVED				
Atsushi MIZUTOME and Tomoyuki OHNO citizen(s) of Japan				
residing at (respectively) 1420-9 Horiuchi, Hayamamachi, Miura-gun, Kanagawa-ken, Japan; and 4-13-9-103 Higashi-kashiwagaya, Ebina-shi, Kanagawa-ken, Japan				
ereby sell, assign, transfer and convey unto CANON KABUSHIKI KAISHA, a corporation of Japan having a place of business at 4-30-2 Shimomaruko, Ohta-ku, Tokyo, Japan,				
its successors, assigns and legal representatives (hereinafter called the "Assignee"), the entire right, title and interest, for the United States in and to certain inventions relating to DISPLAY APPARATUS				
DISPLAI AFFARAIUS				
and described in an application for Letters Patent of the United States filed on 30/SEP/1999 as Application No. 09/409.067 and in and to said application, and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues and extensions thereof; and we hereby authorize and request the Commissioner for Patents and Trademarks of the United States to issue all Letters Patent upon said inventions to the Assignee or to such nominees as it may designate.				
AND we authorize and empower the said Assignee or nominees to invoke and claim for any application for patent or other form of protection for said inventions, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from us.				
AND we hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in the United States for any purpose and more particularly in proof of the right of said Assignee or nominees to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.				
AND we hereby convenant that we have the full right to convey the entire right, title and interest herein assigned and that we have not executed and will not execute any agreement in conflict herewith.				
AND we hereby convenant and agree that we will communicate to said Assignee or nominees all facts known to us pertaining to said inventions, and testify in all legal proceedings, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and declarations and in general perform all lawful acts necessary or proper to aid said Assignee or nominees in obtaining, maintaining and enforcing all lawful patent protection for said inventions in the United States.				
By: Itsushi MIZUTOME Date: December 6, 1999 By: Tomoyuki Ohno Date: December 6 1999				
By: Tomoyuki Ohno Date: December 6 1999				

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RECORDED: 12/17/1999

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PATENT REEL: 010457 FRAME: 0088