FORM PTO-1595 1-31-92	04-05-2002	HEET	HEET U.S. Department of Commerce Patent and Trademark Office Attorney Docket No. 05225.0227 Attorney Customer Number: 22,852			
To the Honorable Commission	102044870			OX ASSIGNMENTS	Der: 22,852	
Please record the attached orical. Name of conveying party:	3-29-02	2.	Name and ad	dress of receiving party:	2 2 2	
Satohide TANIGAWA	3.27	Name:	Kabushik	i Kaisha Toshiba	/1083 /1083 /29/0	
Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No		Internal Address:				
3. Nature of conveyance:		Street A	address: 1	-1, Shibaura 1-chome, I	Minato-ku	
⊠ Assignment □	Merger	City:	Tokyo		:	
Security Agreement	Change of Name	State:	Japan	Zip Code:		
Other:		Addition	nal name(s) & A	Address(es) attached?		
Execution Date: March 22, 2002		-	☐ Yes	⊠ No		
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application:						
10,108 344						
A. Patent Application Number(s):			Patent Numb	er(s):	:	
NEW APPLICATION						
	Additional numbers attached?	☐ Yes	⊠ No	0		
Name and address of party to whom correspondence concerning document should be mailed:		6.	Total number of applications and registrations involved: One (1)			
Name: Richard V. Burgujian, Es	q.	7.	Total fee (37	CFR 3.41): \$40		
1/2002 HDEMESS1 00000051 10108346				Enclosed (Please charge deficiency to deposit account)		
C:591 40.00 0P			Authorized to be charged to deposit accour		osit account	
Internal Address: FINNEGAN, HE & DUNNER, L.J.	NDERSON, FARABOW, GARRETT			· ·		
Street Address: 1300 Street, N	.W.					
City: Washington, D.C.						
State: Zip:	20005-3315	8.	Deposit Acco	ount No.: <u>06-0916</u>		
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.						
	$M \searrow$	(ı		March 29, 2002		
Richard V. Burgujian Reg. No. 31,744	ber of pages including cover sheet, a	ature	to and decume	Date		

PATENT REEL: 012746 FRAME: 0168

SOLE/JOINT INVENTION (U.S. Rights Only)

ASSIGNMENT

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

APPARATUS AND METHOD FOR FILING AND REPRODUCING IMAGES for which I/WE executed an application for United States Letters Patent concurrently herewith or on ______ or filed an application for United States Letters Patent on ____ _____, 19_____); and whereas, KABUSHIKI KAISHA TOSHIBA
a corporation of Japan address is 1-1, Shibaura 1-chome, Minato-ku, Tokyo, Japan (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application; NOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee is hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, my/our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment; AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with assignee, its successors and assigns, any facts known to me/us respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns. AND, I/WE HEREBY authorize and request the attorneys I/we have empowered in the Declaration and Power of Attorney in this application, to insert here in parentheses (Application No. _____, filed _____) the filing date and application number of said application when known. IN TESTIMONY WHEREOF, I/We have hereunto set our hand(s). 1. Full Name of Sole or First Assignor: Assignor's Signature
Satohide TANIGAWA: Salohide Jayram : par. 22, 2002 : Citizenship Address Kanagawa-ken, Japan 2. Full Name of Second Assignor : Assignor's Signature : Date : Citizenship Address : Date 3. Full Name of Third Assignor : Assignor's Signature : Citizenship Address

FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P. . WASHINGTON, D.C.

RECORDED: 03/29/2002

PATENT REEL: 012746 FRAME: 0169