1-12	O T									
	PTO-1595 31-92		01-19-2005		₹ET	U.S. Department of Commerce Patent and Trademark Office Attorney Docket No. 08411.0005 Attorney Customer Number: 22,852				
To the Honorable Commissioner Please record the attached origin		r				ATTN. BOX ASSIGNMENTS RECORDATION SERVICES				
	me of conveying party	- 102	102921919		1	Name and address of receiving party(ies):				
Tai	chi ISOGAI			Nan	ne:	KABU	SHIKI	KAISHA TO	SHIBA	
Additional na	ame(s) of conveying p	party(ies) attached	? ☐ Yes ☒ No	Inte	rnal A	\ddress:				
3. Nat	Nature of conveyance:				Street Address: 1-1, Shibaura 1-chome, Minatoku, Tokyo 105-8001 Japan					
⊠ A	ssignment	Merger	JAN 1 2 2005	City	:					
	Security   Agreement	Change of Na	PADEMARKOT	Stat	te:			Zip Code:		
	Other:			Add	litiona	ıl name(s)	& Addr	ess(es) attach	ned?	
Execution Date: October 14, 2004						☐ Yes		⊠ No		
	olication number(s) or application:	patent number(s)	: If this document is b	eing fi	led to	gether witl	h a new	application, t	he execution date of	
	Patent Application Number(s):				B. Patent Number(s):					
10	/948,564									
		Additional nu	mbers attached?	<u></u>	es		] No			
5. Nai	<ol> <li>Name and address of party to whom correspondence concerning document should be mailed:</li> </ol>				6. Total number of applications and registrations involved:					
Name: Mr. Ernest F. Chapman					•	Total fee (	37 CFR	R 3.41): \$40		
					$\boxtimes$	Enclo: accou		ease charge o	deficiency to deposit	
						Autho	orized to	o be charged	to deposit account	
Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.										
Street Address: 1300 I Street, N.W.										
City:	Washington, D.C	· ·								
State:	Zi	p: 200	005-3315	8.		Deposit Ad	ccount	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.

Richard V. Burgujian Reg. No. 31,744 January 12, 2005
Signature ERNEST F. CHAPMAN Date

Total number of pages including cover sheet, attachments and documents: 3

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PATENT REEL: 016150 FRAME: 0489

#### Attorney Docket No.:

JOINT INVENTION (U.S. Rights Only)

#### **ASSIGNMENT**

WHEREAS, We, the below named inventors, (hereinafter referred to as assignors, have made an invention entitled:

### EMBEDDING AND DETECTING DIGITAL WATERMARK IN IMAGE

for which we executed an application for United States Letters Patent concurrently herewith or on or filed an application for United States Letters Patent on Sep. 24, 2004 (Application No. ); and

WHEREAS, Kabushiki Kaisha Toshiba , a corporation of Japan , whose post office address is 1-1, Shibaura 1-chome, Minatoku, Tokyo 105-8001 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, we, as assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, 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 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, WE HEREBY further covenant and agree that we will, without further consideration, communicate with assignee, its successors and assigns, any facts known to 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, WE HEREBY authorize and request the attorneys we have empowered in the Declaration and Power of Attorney in this application, to insert here in parentheses (Application No. 10/948,564 , filed September 24, 2004 ) the filing date and application number of said application when known.

PATENT REEL: 016150 FRAME: 0490

# Attorney Docket No.:

IN TESTIMONY WHEREOF, we have hereunto set our hands.

## First Assignor

**RECORDED: 01/12/2005** 

Citizenship:	Japanese						
Signature:	Taichi Leogai						
Date:	Taichi ISOGAI Oct - 14 , 2004						
Second Assignor							
Citizenship:							
Signature:							
Date:							
Third Assignor							
Citizenship:							
Signature:							
Date:							
Fourth Assignor							
Citizenship:							
Signature:							
Date:	•						

PATENT REEL: 016150 FRAME: 0491