08-20-2003



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U.S. Department of Commerce

Patent and Trademark Office **PATENT**

102529198

OPR/FINANCE

RECORDATION FORM COVER SHEET **PATENTS ONLY**

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).							
Submission Type 8 18 03	Conveyance Type						
⊠ New	☑ Assignment	☐ Security Agreement					
☐ Resubmission (Non-Recordation) Document ID #	☐ License	☐ Change of Name					
☐ Correction of PTO Error Reel # Frame #	☐ Merger	☐ Other					
Corrective Document Reel # Frame #							
Attorney Docket NoAPLE.P0026							
Conveying Party (ies) Mark if additional	names of conveying parties attached	Execution Date MMDDYYYY					
Name (1 st party) Pun, Thomas	07292003						
Name (2 nd party) Handley, Maynard	07312003						
Name (3 rd party) Kumar, Roger		07312003					
Name (4 th party) Nie, Xiaochun		08012003					
Receiving Party	al names of receiving parties attached	J					
Name Apple Computer, Inc.	☐ If document to be recorded is an assignment and the receiving						
Name A California Corporation	party is not domiciled in the U.S.,						
Address 1 Infinite Loop	an appointment of a domestic representative is attached.						
Address		(Designation must be a separate					
Address Cupertino, CA 95014	document from Assignment)						
City State/Coun	try Zip Code						
Domestic Representative (Complete only if receiving party is not domiciled in the United States)							
Name							
Address							
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Mail documents to be recorded with required cover sheet(s) information to: Commissioner for Patents Mail Stop Assignments, P.O. Box 1450, Alexandria, VA 22313-1450

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PATENT REEL: 014395 FRAME: 0405

Form PTO-1619B (Modified)	Page 2	U.S. Department of Commerce Patent and Trademark Office PATENT				
Correspondent Na	ame and Address					
Name: Address: Telephone Number: Fax Number:	Mani Adeli Stattler Johansen & Adeli LLP P.O. Box 51860 Palo Alto, California 94303-0728 (650) 752-0990, ext. 102 (650) 752-0995					
	the total number of pages of the attached conveyance nent including any attachments.	3				
Enter either the Pa	per(s) or Patent Number(s) ☐ Mark if additional number atent Application Number or the Patent Number (DO NOT ENTER BOTH numbers to pplication Number(s) Patent I					
10/427,756						
	lled together with a new Patent Application, enter the date the patent the first named executing inventor. MMDDYYYY	*				
Patent Cooperation	on Treaty (PCT)					
	n number(s) only if a U.S.					
Number of Properties Enter the total number of properties involved						
Fee Amount	Fee Amount for Propetries Listed (37CFR3.41)	40.00				
Deposit Acco						
	Deposit Account Number:	# 50 1128				
Statement and Sic	Authorization to charge additional fee	s: Yes 🗷 No 🗆				
Statement and Signature To the best of my known a true copy of the original true copy or true co	owledge and belief, the foregoing information is true and correginal document. Charges to deposit account are authorized, a	ect and any attached copy is sindicated herein.				
Mani Adeli Name of Person Signin	g Signature	August 15, 2003 Date				

PATENT

REEL: 014395 FRAME: 0406

Form PTO-1619c (Modified)			RECORDATION FORM COVER SHEET CONTINUATION PATENTS ONLY			U.S. Department of Commerce Patent and Trademark Office PATENT	
Conveying Party (ies)		ty (ies)	☐ Mark if additional names of conveying parties attached			Execution Date MMDDYYYY	
Name (5 th party) <u>Wu, Hsi-Jung</u>		Wu, Hsi-Jung	<u></u>			07292003	
Name	·		· 				
Name Name				 			
Receivi	ng Part	Y	☐ Mark if additional names o	f receiving parties attached			
Name	•	_		•	□ If o	locument to be recorded is	
Name		Apple Computer, Inc. A California Corporation L) If document to be recorded an assignment and the receiving party is not domiciled in the U.					
Address	an appointment of						
Address					•	sentative is attached. gnation must be a separate	
Address		no, CA 95014			document from Assignment)		
		City	State/Country	Zip Code	·		
Domestic Representative (Complete only if receiving party is not domiciled in the United States)							
Name		=	-				
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			For Office C	ose Only			
i							

PATENT REEL: 014395 FRAME: 0407

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the application of:

PATENT APPLICATION

Thomas Pun

Serial No.: 10/427,756

Filing Date: 4/30/03

For:

ADAPTIVELY POST FILTERING

ENCODED VIDEO

JOINT INVENTOR TO CORPORATION ASSIGNMENT

WHEREAS, the undersigned Inventors have invented certain new and useful improvements in:

ADAPTIVELY POST FILTERING ENCODED VIDEO

and have executed a declaration or oath for an application for a United States patent disclosing and identifying the invention:

Said application having Serial Number 10/427,756 and filed on April 30, 2003.

WHEREAS Apple Computer, Inc. (hereinafter termed "Assignee"), a corporation of the State of California, having a place of business at 1 Infinite Loop, Cupertino, CA 95014, wishes to acquire the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by said Inventors (all collectively hereinafter termed "said invention"), and in and to any and all patents, certificates of invention and other forms of protection thereon (hereinafter termed "patents") applied for or granted in the United States and/or other countries.

NOW THEREFORE, for good and valuable consideration acknowledged by each of said Inventors to have been received in full from said Assignee:

1. Said Inventors do hereby sell, assign, transfer and convey to said Assignee, the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply in any or all countries of the world for patents, certificates of inventions or other governmental grants on said invention, including the right to apply for patents pursuant to the International Convention for the Protection of Industrial Property or pursuant to any other convention, treaty, agreement or understanding; (c) in and to any and all applications filed and any and all patents, certificates of inventions or other governmental grants granted on said invention in the United States or any other country, including each and every application filed and each and every patent granted on any application which is a division, substitution, or continuation of any of said applications; (d) in and to each and every reissue or extension of any

-1-

Attorney Docket No. APLE.P0026

PATENT REEL: 014395 FRAME: 0408 of said patents; and (e) in and to each and every patent claim resulting from a reexamination certificate for any and all of said patents.

- Said Inventors hereby jointly and severally covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and other countries. Such cooperation by said Inventors shall include prompt production of pertinent facts and documents, giving of testimony, executing of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for complying with any duty of disclosure; (c) for prosecuting any of said applications; (d) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (e) for filing and prosecuting applications for reissue of any of said patents; (f) for interference or other priority proceedings involving said invention; and (g) for legal proceedings involving said invention and any applications therefore and any patents granted thereon, including without limitation opposition proceedings, cancellation proceedings, priority contests, public use proceedings, reexamination proceedings, compulsory licensing proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventors in providing such cooperation shall be paid for by said Assignee.
- 3. The terms and covenants of this Assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventors, their respective heirs, legal representatives, and assigns.
- 4. Said Inventors hereby jointly and severally warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

IN WITNESS WHEREOF, the said Inventors have executed this instrument on the date of acknowledgement as given below and delivered this instrument to said Assignee. _____ Date: July 29, 2003 Thomàs Pun Date: July 31, 2003 Date: July 31 2003 Roger Kumar **(4)** Xiaochun Nie Date: <u>MCY 29, 7</u>003

RECORDED: 08/18/2003