	3/30/2005) REC	Patent and Trademark Office
1. Name of conditions William Pete Condition Parage Parish Anthony William Execution Date: 10 Additional name(s) of	n Seaman /24/06; 10/24/06; 10/24/06; 10/30/06; and conveying party(ies) attached? We serve the serve that th	Sileet Addless. The Atherican Farkway NE
	ion No.(s) 601,998 Filed: 11/20/06 Additional	[] This document is being filed together with a new applica B. Patent No. (s) numbers attached? Yes [x] No concerning 6. Total number of applications and patents involved: 1
A. Patent Applicat Serial No.: 11/6 5. Name and add document should Name: Internal Address: Street Address: City: State:_ Phone Number: Fax Number:	ion No.(s) 601,998 Filed: 11/20/06 Additional ress of party to whom correspondence be mailed: Steve Mendelsohn Mendelsohn & Associates, P.C. 1500 John F. Kennedy Blvd. Suite 405 Philadelphia PA Zip: 19102	B. Patent No. (s) numbers attached?

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 223

Attorney Docket No.: Cornelius 1-16-1-11-2

O/R: 992.1286

PATENT REEL: 018735 FRAME: 0591

FORM **PTO-1595 (Rev. 09/04)** OMB-0651-0027 (exp. 6/30/2005) U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

RECORDATION FORM COVER SHEET **PATENTS ONLY**

Continuation of Box 2:

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lo tn	ne Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.
2. Name and ad	Idress of receiving party(ies):
Name:	Apple Computer, Inc.
Internal Address:	
Street Address:	1 Infinite Loop
City:	Cupertino
State:	California
Country:	USA Zip: 95014
L	

Serial No.: 11/601,998

Attorney Docket No.: Cornelius 1-16-1-11-2

O/R: 992.1286

PATENT

ASSIGNMENT AND AGREEMENT

For value received, we, Tony El-Kik of Allentown in the County of Lehigh and State of Pennsylvania, Stephen A. Masnica of Macungie in the County of Lehigh and State of Pennsylvania, Parag Parikh of Allentown in the County of Lehigh and State of Pennsylvania, and Anthony William Seaman of Bethlehem in the County of Northampton and State of Pennsylvania, hereby sell, assign, and transfer to Agere Systems Inc., a corporation of the State of Delaware, having an office at 1110 American Parkway NE, Allentown, Pennsylvania 18109, U.S.A., and William Pete Cornelius of Los Gatos in the County of Santa Clara and the State of California, hereby sells, assigns and transfers to Apple Computer, Inc. a corporation of the State of California, having an office at 1 Infinite Loop, Cupertino, California, 95014, U.S.A., and their respective successors, assigns, and legal representatives, the entire right, title, and interest, for the United States of America, in and to certain inventions related to Signal Buffering And Retiming Circuit For Multiple Memories described in U.S. provisional patent application Serial No. 60/830,187, filed July 12, 2006, and all the rights and privileges in said application and under any and all Letters Patent that may be granted in the United States for said inventions; and we also concurrently hereby sell, assign, and transfer respectively to Agere Systems Inc. and Apple Computer, Inc., the entire right, title, and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

We authorize Agere Systems Inc. and Apple Computer, Inc., to make application jointly for such protection in their own names and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from us, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of Agere Systems Inc. or Apple Computer, Inc., to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

PATENT REEL: 018735 FRAME: 0593 We request that any and all patents for said inventions be issued to Agere Systems Inc. and Apple Computer, Inc., in the United States and in all countries foreign to the United States, or to such nominees as Agere Systems Inc. and Apple Computer, Inc., may designate.

We agree that, when requested, we shall, without charge to Agere Systems Inc. or Apple Computer, Inc., but at their expense, sign all papers, and do all acts which may be necessary, desirable, or convenient in connection with said applications, patents, or other forms of protection.

With Pit lates

	Willian	m Pete Cornelius	
Date: 10/24/2006			
United States of America)		
State of) ss.:	hed	
County of) ss.:		
-		, 2006, before no me known to be the individung instrument, and acknowledge	ual
		Notary Public	

18735 FRAME: 0594

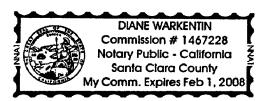
CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California)
County of Santa Clara) ss)

On October 24, 2006 , before me, Diane Warkentin, a Notary Public for the State, personally appeared, William Pete Cornelius , personally known to me to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.





Description of Document:

Assignment and Agreement

PATENT REEL: 018735 FRAME: 0595 Tony S. El-Kik

Date: 10 _24_ 2006

United States of America)

State of Pennsylvania) ss.:

County of Lakigh)

On this day of of of the delta, 2006, before me personally came *Tony S. El-Kik*, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

COMMONWEALTH OF PENNSYLVANIA

Notarial Seal Joanne M. Pukszyn, Notary Public Hanover Twp., Lehigh County My Commission Expires Jan. 20, 2010

Member, Pennsylvania Association of Notaries

PATENT

State & Manue
Stephen A. Masnica

Date: 10/24/2006

United States of America

State of Pennylvaria) ss.:

County of Lahigh

On this _______day of _______, 2006, before me personally came *Stephen A. Masnica*, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

COMMONWEALTH OF PENNSYLVANIA

Notarial Seal Joanne M. Pukszyn, Notary Public Hanover Twp., Lehigh County My Commission Expires Jan. 20, 2010

Member Pennsylvania Association of Notaries

DATENT

Date: 10/30/2006

United States of America

State of Pennsylvania) ss.: County of Lehigh)

On this 30th day of October, 2006, before me personally came Parag Parikh, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

COMMONWEALTH OF PENNSYLVANIA

Notarial Seal Joanne M. Pukszyn, Notary Public Hanover Twp., Lehigh County My Commission Expires Jan. 20, 2010

Member, Pennsylvania Association of Notaries

Date: 12-1/-06		
United States of America)	
State of Pennsylvania) ss.:	
County of Lenish)	
On thisopersonally came <i>Anthony Willi</i> described in and who executed execution of the same.		to be the individual

COMMONWEALTH OF PENNSYLVANIA

Notarial Seal Shelly A. DeBellis, Notary Public City Of Allentown, Lehigh County My Commission Expires Sept. 12, 2010

Member, Pennsylvania Association of Notaries

Agere Systems Inc. 1110 American Parkway NE Allentown, Pennsylvania 18109

RECORDED: 12/22/2006

PATENT