To the Honorable commissioner of Pa Please record the attached original c 101531375	
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):
David Hartwell	Ti Timing min namings of tagati me barel (1990).
David Hartwein (	Name: Compaq Computer Corporation
Additional name(s) of conveying	Street Address: 2055 SH 249
party(ies) attached?YesXNo	Silect Hadross. 2005 SII 217
party (res) attached.	City: Houston
	G
3. Nature of conveyance:	State: TX Zip: 77070-2698
X Assignment Merger	
Security Agreement	
Change of Name	
Other	Additional name(s) & address(es)
	attached?Yes X_No
Execution Date: October 18, 2000	
4. Application number(s) or patent number(s):	
If this document is being filed together with a new a	application, the execution
date of the application is: October 18, 2000	
A. Patent Application No.(s)	B. Patent No. (s)
**	
Additional numbers attached	? Yes X No
5. Name and address of party to whom	6. Total number of applications and
correspondence concerning document should be	patents involved:1
mailed:	
	7. Total fee (37 CFR 3.41)\$40.00
Name: Edwin H. Paul, Cesari and McKenna,LLP	X Enclosed
Street Address: 88 Black Falcon Avenue	Authorized to be charged to deposit
Street Address: 88 Black Falcon Avenue	account
City: Boston State: MA Zip: 02210	8. Deposit account no. 03-1237 (Attach duplicate
Chy. Zeetell	copy of this page if paying by deposit account)
DO NOT USE THIS SPACE	
00000030 09652645	
01 FD:581 40.00 OP	
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.	
Cole = 11 Da o	11/2/2 500
Edwin H. Paul Reg. No. 31,405	11/7/2 600 Date
247711111111111111111111111111111111111	Total number of pages comprising cover sheet: 1

PATENT REEL: 011272 FRAME: 0611

## **ASSIGNMENT**

WHEREAS, I David Hartwell, am the sole inventor of "Deterministic Hardware Behavior Between Multiple Asynchronous Clock Domains Through the Novel Use of a PLL" application for United States Letters Patent, Serial No. 09/652,645, filed on August 31, 2000, which is executed of even date herewith; and

WHEREAS, COMPAQ COMPUTER CORPORATION, a corporation created and existing under and by virtue of the laws of the State of Delaware is desirous of acquiring the entire right, title and interest in and to the aforesaid invention throughout the world, and all right, title and interest in, to and under any and all Letters Patent of the United States and all other countries throughout the world;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I hereby sell, assign, transfer and set over to COMPAQ COMPUTER CORPORATION all right, title and interest in and to the said invention throughout the world, and said application for U.S. Letters Patent, and any and all divisions, continuations, and reissues thereof, and any and all Letters Patent of the United States and foreign countries which may be granted therefor, the same to be held and enjoyed by COMPAQ COMPUTER CORPORATION for its own use and benefit, and for the use and benefit of its successors, assigns, or other legal representatives, to the end of the term or terms for which said Letters Patent of the United States or foreign countries are or may be granted or reissued, as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not been made.

And I hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States on said invention or resulting from said application and from any and all divisions, continuations, and reissues thereof, to COMPAQ COMPUTER CORPORATION as assignee of my entire interest, and hereby covenant that I have the full right to convey the entire interest herein assigned, and that I have not executed and will not execute any agreement in conflict herewith.

And I further hereby covenant and agree that I will, at any time, upon request, execute and deliver any and all papers that may be necessary or desirable to perfect the title of said invention and to such Letters Patent as may be granted therefor, to COMPAQ COMPUTER CORPORATION, its successors, assigns, or other legal representatives and that if COMPAQ COMPUTER CORPORATION, its successors, assigns, or other legal representatives shall desire to file any divisional or continuation applications or to secure a reissue of such Letters Patent, or to file a disclaimer relating thereto, will upon request sign all papers, make all rightful oaths and do all lawful acts requisite for the filing of such divisional or continuation application, or such application for reissue and the procuring thereof, and for the filing of such disclaimer, without further compensation but at the expense of said assignee, its successors, or other legal representatives.

And I do further covenant and agree that I will, at any time upon request, communicate to COMPAQ COMPUTER CORPORATION, its successors, assigns, or other legal representatives, such facts relating to said invention and Letters Patent or the file history thereof as may be known to me, and testify as to the same in any interference or other litigation when requested to do so, without further compensation but at the expense of said assignee, its successors, or other legal representatives.

PATENT REEL: 011272 FRAME: 0612 EXECUTED THIS 18th day of Mober, 2002

**David Hartwell** 

STATE OF Massachusetts
COUNTY OF Middlessex

BEFORE ME, the undersigned authority, on this day personally **David Hartwell**, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that **he** executed the same for the purposes and consideration therein expressed.

GIVEN UNDER MY HAND and seal of office this 18 day of October, 2910

Notary Sublic

CYNTHIA M. AHEARN Notary Public Commonwealth of Massachusetts My Commission Expires September 27, 2007

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PATENT REEL: 011272 FRAME: 0613