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Name of conveying party(ies): Charles Hartman Raphael Gay		Name and address of receiving party(ies): HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. 20555 SH 249 Houston, TX 77070
Nature of Conveyance:	ttached Yes X No A	dditional name(s) & address(es) attached?Yes _X NoYes _X NoChange of Name
X Assignment Security Agreement	Other	,
A. Patent Application No.(s) Application No.: 10/629,940	number(s): ether with a new application Date Filed: July Additional number whom correspondence be mailed: ration	
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Maria Golnick		Nov 05, 2003 Date ding cover sheet, attachments, and document: 4
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ATTORNEY DOCKET NO. 200310736-1

HEWLETT-PACKARD COMPANY Intellectual Property Administrator P. O. Box 272400 Fort Collins, Colorado 80527-2400

ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned (each) have agreed and hereby agree to assign to HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., a Texas Limited Partnership having its principal place of business in Houston, Texas, (hereinafter HPDC), in furtherance of my/our obligations to the Hewlett-Packard Houston, Texas, the entire and affiliates, and do hereby assign and transfer to HPDC, its successors and assigns, the entire right, title and interest, including the right of priority, in, to and under an application for letters Peters of the United States entitled.

Configurable I/O Bus Architecture	
	Application No.: 10/629,940
Filing date: 07-29-2003	
Letters Patent, and any and all Le may be granted thereon or theref	ovement(s) set forth therein, and any and all continuations, ionals, and renewals of and substitutes for said application for said are Patent of the United States and of countries foreign thereto which are Patent of the United States and of countries foreign thereto which and any reissues, or reexaminations, or extensions of said Letters and any reissues.
country, to be held and enjoyed the full end of the term or terms extended, as fully and entirely assignment, and transfer not bee	IPDC to file applications in my/our name for Letters Patent in any HPDC, its successors, assigns, nominees or legal representatives, to or which said Letters Patent respectively may be granted, reissued or the same would have been held and enjoyed by me/us had this made;
that I/we have not executed and covenant and agree that I/we will deliver all such papers as may improvement(s), said application legal representatives, and I/we respecting said invention(s) or in legal proceedings, to sign all lace. I-P's, reissue and foreign application everything possible to aid HPDC and enforce, for its or their own in any and all countries province operation and assistance are in	If I/we have full right to convey the entire interest herein assigned, and will not execute any agreement in conflict herewith, and I/we further each time a request is made, and without undue delay, execute and e necessary or desirable to perfect the title to said invention(s) or not said Letters Patent, to HPDC, its successors, assigns, nominees or gree to communicate to HPDC, or to its nominee, all known facts rovement(s), said application and said Letters Patent, to testify in any ful papers, to execute all disclaimers and divisionals, continuations, ations, to make all rightful oaths and declarations, and generally to do its successors, assigns, nominees and legal representatives to obtain enefit, proper patent protection for said invention(s) or improvement(s) d the expenses which may be incurred by me/us in lending such id by HPDC;
AND I/we hereby authorize States and any official of any or patents on applications as afore any and all Letters Patent for sathe United States which may be accordance with the terms of the	nd request the Commissioner of Patents and Trademarks of the United ntry or countries foreign to the United States whose duty it is to issue sid, to issue to HPDC, as assignee of the entire right, title and interest, invention(s) or improvement(s), including any and all Letters Patent of issued and granted on or as a result of the application aforesaid, in assignment.
I/we further authorize and o	ect the attorneys of record to insert the serial number and filing date of the attorney docket number and title set forth above as soon as the notation to them by the United States Patent and Trademark Office.
	hereunto set my/our hand(s) and seal(s):
11/1/	Date Assignment Signed:11/03/03
Inventor's Signature (Seal)	
	Date Application Signed: 11/03/03
Inventor's Typed Name: Charles Hartn	
State of)) ss.:
County of)
Before me this day of personally known or proved to me o	, personally appeared <u>Charles Hartman</u> who the basis of satisfactory evidence to be the person who acknowledged the foregoing and deed
instrument of assignment to be his/her	ee act and deed.
	Notery Public

My commission expires: **PATENT** REEL: 014107 FRAME: 0239

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ASSIGNMENT OF PATENT APPLICATION (cont.)

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Sylven	Date Assignment Signed
nventor e Signature (Seal)	Disa Application Signed: 1\/03/03
nventor's Typed Name: Raphael Gay	Date Application Signals
State of	
) ss.:)
County of	who is
Before me this day of personally known or proved to me on the instrument of assignment to be his/her free	personally appeared Raphael Gay who is basis of satisfactory evidence to be the person who acknowledged the foregoing act and deed.
	Notary Public
	My commission expires:
	Date Assignment Signed:
Inventor's Signature (Seal)	Date Assignment 4 5
	Date Application Signed:
Inventor's Typed Name:	
State of)
_) 55.: }
County of	who is
Before me this day of personally known or proved to me on instrument of assignment to be his/her fro	who is the basis of satisfactory evidence to be the person who acknowledged the foregoing se act and deed.
	Notery Public
	My commission expires:
	Date Assignment Signed:
Inventor's Signature (Seal)	 -
Inventor's Typed Name:	Date Application Signed:
State of) ss.:
County of)
Before me this day of	, personally appearedwho =eknowledged the foregoing
personally known or proved to me on instrument of assignment to be his/her f	, personally appeared who is the basis of satisfactory evidence to be the person who acknowledged the foregoing ree act and deed.
	Notary Public
	My commission expires:

(Use Page Three For Additional Inventor(s) Signature(s))

Page 2 of 2

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ame of conveying party(ies): Charles Hartman Raphael Gay	2.	Name and address of receiving parts HEWLETT-PACKARD DEVELOPMEN 20555 SH 249 Houston, TX 77070	T COMPANY, L.P.	
dizional name(s) of conveying partylie	5) attachedYes _X_No	Additional name(s) & address(es) attached?	Yes <u>X</u> No	
Nature of Conveyance: X Assignment	Merger	Change of Name		
Security Agreement	Other			
A. Patent Application No.(s) Application No.: 10/629,940 Confirmation No.: 9039 5. Name and address of party concerning document should Records Manager Intellectual Property Admin HEWLETT-PACKARD COM	ant number(s): together with a new application Date Filed: Ju Additional numb to whom correspondence of be mailed: istration	ation, execution date of the application. B. Patent Nover 29, 2003. ars attached? Nover 20. 6. Total number of applications and 2. Total Fee (37 CFR 3.41): \$ Enclosed. X. Authorization to be charge.	patents involved: 1	
P.O. Box 272400 Fort Collins, Colorado 805	527-2400	8. Deposit Account Number: 08-		
9. Statement and signature. To the best of my knowledg true copy of the original doct	e and belief, the foregoing	E THIS SPACE information is true and correct and a	any attached copy is	
Maria Golnick Name of Person Signing	<u>Manda</u> Signature		05, 2003 Pate	
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