1-31-92		: !!!!!!! IEET	U.S. DEPARTMENT (Patent and Ti	OF COMMERCE rademark Office
•			Attorney Docket No. 2	00313420-1
1. Name of conveying party(ies):	102696653	2. Name and add	ress of receiving party(ies	
Brad Underwood Stuart C. Haden	31009		CKARD DEVELOPMENT CO	
				1927
Additional name(s) of conveying party(ies)	attachedYes X No	Additional name(s) &	address(es) attached?Yes	X No
3. Nature of Conveyance:			a	
X Assignment	Merger		Change of Name	
Security Agreement	Other			
Execution Date(s): 3/8/2004				
4. Application number(s) or patent	number(s):	797776		
If this document is being filed tog			late of the application is:	3/8/2004
A. Patent Application No.(s)			B. Patent No.(s)	
Application No.:	Date Filed:			
Confirmation No.:	Additional number	ers attached? NO	-	
5. Name and address of party to whom correspondence concerning document should be mailed: Records Manager Intellectual Property Administration HEWLETT-PACKARD COMPANY P.O. Box 272400 Fort Collins, Colorado 80527-2400		7. Total Fee (37 (CFR 3.41): \$40.00	
		8. Deposit Accou	unt Number: 08-2025	
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9. Statement and signature.				
To the best of my knowledge and true copy of the original document		nformation is true	and correct and any attaci	hed copy is a
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David H. Tannenbaum Name of Person Signing March 10, 2004 Signature Date			04	
	J	ing cover sheet, atta	achments, and document:	3
OMB No. 0651-0011 (exp. 4/94)				
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	Director of the US Par 97776 PO B	tent and Trademark Box 1450 VA 22313-1450	Office	
FC:8021 40.00 BA Rev 10/03 (Recdason)				

PATENT REEL: 015072 FRAME: 0205

PATENT APPLICATION ATTORNEY DOCKET NO. 200313420-1

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 Company and its subsidiaries 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 latters Patent of the United States entitled:

application for Letters Patent of the United State	s entitled:
SYSTEMS AND METHODS FOR PROVIDING DIS	TRIBUTED CONTROL SIGNAL REDUNDANCY AMONG
ELECTRONIC CIRCUITS	
Filing date:	Application No.:
continuations-in-part (C-I-P's), divisionals, and r Letters Patent, and any and all Letters Patent of	set forth therein, and any and all continuations, enewals of and substitutes for said application for said the United States and of countries foreign thereto which elssues, or reexaminations, or extensions of said Letters
country, to be held and enjoyed by HPDC, its su the full end of the term or terms for which said	applications in my/our name for Letters Patent in any uccessors, assigns, nominees or legal representatives, to Letters Patent respectively may be granted, reissued or vould have been held and enjoyed by me/us had this
that I/we have not executed and will not executed covenant and agree that I/we will, each time a deliver all such papers as may be necessary improvement(s), said application and said Letters legal representatives, and I/we agree to common respecting said invention(s) or improvement(s), selegal proceedings, to sign all lawful papers, to C-I-P's, reissue and foreign applications, to make everything possible to aid HPDC, its successors and enforce, for its or their own benefit, proper	Il right to convey the entire interest herein assigned, and ite any agreement in conflict herewith, and I/we further request is made, and without undue delay, execute and or desirable to perfect the title to said invention(s) or s Patent, to HPDC, its successors, assigns, nominees or nunicate to HPDC, or to its nominee, all known facts said application and said Letters Patent, to testify in any execute all disclaimers and divisionals, continuations, e all rightful oaths and declarations, and generally to do s, assigns, nominees and legal representatives to obtain patent protection for said invention(s) or improvement(s) es which may be incurred by me/us in lending such
States and any official of any country or countripatents on applications as aforesaid, to issue to any and all Letters Patent for said invention(s) or	Commissioner of Patents and Trademarks of the United es foreign to the United States whose duty it is to issue HPDC, as assignee of the entire right, title and interest, r improvement(s), including any and all Letters Patent of anted on or as a result of the application aforesaid, in
I/we further authorize and direct the attorney said application now identified by the attorney same shall have been made known to them by the	ys of record to insert the serial number and filing date of docket number and title set forth above as soon as the ne United States Patent and Trademark Office.
IN WITNESS WHEREOF, I/we hereunto set n	ny/our hand(s) and seai(s):
Brad Undersol Date	e Assignment Signed: 3/8/04
Inventor's Signature (Seal)	
Inventor's Typed Name: Brad Underwood	Date Application Signed: 3/8/04
State of)	
County of) ss.:	
Before me this per	sonally appeared <u>Brad Underwood</u> who is
personally known or proved to me on the basis of satisfainstrument of assignment to be his/her free act and deed.	actory evidence to be the person who acknowledged the foregoing
	Notary Public

Page 1 of 2

My commission expires:

ASSIGNMENT OF PATENT APPLICATION (cont.)

IN WITNESS WHEREOF, I/we here	eunto set my/our hand(s) and se	al(s):
1-011.		2/20/ 2004
Alex C. That	Date Assignment Signed	$\frac{3}{.08}$ $\frac{3}{.08}$ $\frac{2004}{.004}$
nventor's Signature (Seal)		3/20/2001
nventor's Typed Name: Stuart C. Haden	Date Appli	cation Signed: 3/08/2004
State of)	
County of) ss.:)	
Before me this day of personally known or proved to me on t instrument of assignment to be his/her fre		Stuart C. Haden who is the person who acknowledged the foregoing
		Notary Public
	*	My commission expires:
	Date Assignment Signed	·
nventor's Signature (Seal)		
nventor's Typed Name:	Date Applic	cation Signed:
State of)	
County of) ss.:	
-	, personally appeared	
personally known or proved to me on t enstrument of assignment to be his/her free	he basis of satisfactory evidence to b	e the person who acknowledged the foregoing
		Notary Public
		My commission expires:
nventor's Signature (Seal)	Date Assignment Signed:	
	Data Assilia	otice Oterando
nventor's Typed Name:	Date Applic	ation Signed:
tate of)) ss.:	
county of)	
		who is the person who acknowledged the foregoing
		Marga, Dublia
		Notary Public My commission expires:
(Use Page	Three For Additional Inventor(s) Signature(s))	Page 2 of 2

Rev 10/03 (Assign)

PATENT REEL: 015072 FRAME: 0207