FORM PTO-1595	01-08-2	.002	U.S. DEPARTMENT OF COMMERCE	
1-31-92			Patent and Trademark Office	
	- 101936		Attorney Docket No. 10012332-1	
	- 101936 	2. Name and addr HEWLETT-PAC Intellectual Pro P.O. Box 2724 Fort Collins, Co	ess of receiving party(ies): KARD COMPANY perty Administration 00 plorado 80527-2400	
Additional name(s) of conveying party(ie:	s) attachedYes X No	Additional name(s) & a	address(es) attached?YesX No	
3. Nature of Conveyance:				
X Assignment	Merger	-	Change of Name	
Security Agreement	Other			
Execution Date(s): Respectively;	10-29-2001,10-29-200	1,10-29-2001		
4. Application number(s) or pater				
If this document is being filed to	ogether with a new appli	ication, execution d	ate of the application is:	
A. Patent Application No.(s)			B. Patent No.(s)	
Application No.: 09/911,997	Date Filed: 07	7-24-2001		
Confirmation No.: 5243	Additional numb	ers attached? NO		
5. Name and address of party to whom correspondence on concerning document should be mailed:		ce 6. Total number of applications and patents involved: 1		
Records Manager		7. Total Fee (37 CFR 3.41): \$40.00		
HEWLETT-PACKARD COI Legal Dept MS 79	WPANY	Enclosed	d	
3404 E. Harmony Road Fort Collins, CO 80528		<u>X</u> Authoriz	ration to be charged to deposit account.	
		8. Deposit Accou	nt Number: <u>08-2025</u>	
	DO NOT US	E THIS SPACE		
9. Statement and signature. To the best of my knowledge at true copy of the original docume		information is true a	and correct and any attached copy is a	
Augustus W. Winfield	96	1 Ji feld	Nov 20, 2001	
Name of Person Signing	Signature		Date	
	otal number of pages inclu	ding cover sheet, atta	chrnents, and document: 4	
OMB No. 0651-0011 (exp. 4/94)				
Mail document to be recorded w		ch this portion		
01/07/2002 6TON11 00000207 082025	09911997 Commission	oner for Patents		
01 FC:581 40.00 CH	\ Box A	Assignment on, D.C. 20231		
	——————————————————————————————————————	<u></u>		

PATENT REEL: 012417 FRAME: 0506

PATENT APPLICATION

ATTORNEY DOCKET NO. 10012332 -1

ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned (each) have agreed and hereby agree to assign to HEWLETT-PACKARD COMPANY, a Delaware corporation having its principal place of business in Palo Alto, California, (hereinafter HP), in furtherance of my/our obligations to HP, and do hereby assign and transfer to HP, its successors and assigns, the entire right, title and interest, including the right of priority, in, to and under an application for Letters Patent of the United States entitled:

Method For Ensuring Correct Pin Assignment Between System Board Connections Using Common					
Mapping Files					
Filing date: 7-24-01 Application No.: 09/911,997					
and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part (C-I-P's), divisionals, and renewals of and substitutes for said application for said Letters Patent, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor; and any reissues, or reexaminations, or extensions of said Letters Patent.					
I/we additionally authorize HP to file applications in my/our name for Letters Patent in any country, to be held and enjoyed by HP, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by me/us had this assignment, and transfer not been made;					
AND I/we hereby covenant that I/we have full right to convey the entire interest herein assigned, and that I/we have not executed and will not execute any agreement in conflict herewith, and I/we further covenant and agree that I/we will, each time a request is made, and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said invention(s) or improvement(s), said application and said Letters Patent, to HP, its successors, assigns, nominees or legal representatives, and I/we agree to communicate to HP, or to its nominee, all known facts respecting said invention(s) or improvement(s), said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all discriminars and divisionals, continuations, C-I-P's, reissue and foreign applications, to make all rightful couns and declarations, and generally to do everything possible to aid HP, its successors, assigns, nominees and legal representatives to obtain and enforce, for its or their own benefit, proper patent protection for said invention(s) or improvement(s) in any and all countries provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by HP;					
AND I/we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to HP, as assignee of the entire right, title and interest, any and all Letters Patent for said invention(s) or improvement(s), including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.					
I/we further authorize and direct HP attorneys to insert the serial number and filing date of said application now identified by the attorney docket number and title set forth above as soon as the same shall have been made known to them by the United States Patent and Trademark Office.					
IN WITNESS WHEREOF, I/we hereunto set my/our hand(s) and seal(s): Date Assignment Signed: 10 (29/01) Inventor's Signature (Seal)					
Inventor's Typed Name: Michael John Erickson Date Application Signed: 10 /29 /01					
State of					
County of) ss.:					
Before me this day of, personally appeared <u>Michael John Erickson</u> who is personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be his/her free act and deed.					
Notary Public					

PATENT of 2
REEL: 012417 FRAME: 0507

My commission expires:

When recorded please return to:

I EWLL I I-PACKARD COMPANY
Intellectual Property Administration
P. O. Box 272400
Fort Collins, Colorado 80527-2400

PATENT APPLICATION
ATTORNEY DOCKET NO. 10012332 -1

ASSIGNMENT OF PATENT APPLICATION (cont.)

IN WITNESS WHEREOF, I we here	eunto set m	ny/our hand(s) and seal(s):	
			79 A = 701
Inventor's Signature (Seal)		Date Assignment Signed:	A 1 001 2002
		Data Application	29 Oct 2001 r Signed: 29 Oct 2001
Inventor's Typed Name: Paul J. Mantey		Date Application	signed: 27 / C C ZCZ
State of)) ss.:		
County of) 55		
Defense and Abia		necessarily appeared - David L	Marran
Before me this day of is personally known or proved to me on instrument of assignment to be his/her free	the basis of	satisfactory evidence to be the	Mantey who berson who acknowledged the foregoing
			Notary Public
			My commission expires:
MA		Date Assignment Signed:	10/29/01
Inventor/s Signature (Seal)			11/25/21
Inventor's Typed Name: John S Atkinson		Date Application Signed: 16/29/01	
State of)		
County of) ss.:		
·	•		
Before me this day of is personally known or proved to me on instrument of assignment to be his/her free	the basis of	satisfactory evidence to be the	<u>Atkinson</u> who person who acknowledged the foregoing
			Notary Public
			My commission expires:
Inventor's Signature (Seal)		Date Assignment Signed:	
			~ : 1
Inventor's Typed Name:		Date Applicatio	ri Signea:
State of)		
County of) ss.:)		
Refore me this day of		, personally appeared	who
is personally known or proved to me on instrument of assignment to be his/her free	the basis of e act and dee	satisfactory evidence to be the d.	person who acknowledged the foregoing
			Notary Public
			My commission expires:

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

Page 2 of 2

PATENT REEL: 012417 FRAME: 0508