FORM PTO-1595	10-	06-2000	U.S. DEPARTMENT OF COMMERCE
1-31-92	REC		Patent and Trademark Office
	101	481177	Attorney Docket No. 10991599-1
1. Name of conveying party(ies):	101	101111	s of receiving party(ies):
Robert A. Rust	$\lambda \omega$	3	CKARD COMPANY
Barry J. Oldfield		P.O. Box 2724	perty Administration
Steven Lee Shrader	do	•	olorado 80528-9 599
Christine Grund	81 6		
Christopher W. Johansson			
Additional name(s) of conveying party(ies	s) attachedYes _X No	Additional name(s) &	address(es) attached? Yes X No
3. Nature of Conveyance:			12
X Assignment	Merger	-	Change of Name
Security Agreement	Other		
Execution Date(s): 4/5/00;4/5/00	0;5/24/00;4/5/00;4/5/00)	
4. Application number(s) or pater	nt number(s):		
If this document is being filed to	gether with a new appli	cation, execution d	ate of the application is:
A. Patent Application No.(s)		B. Patent No.(s)	
Serial No.: 09/552,669 Date Fi	led: 04/19/2000	}	
	Additional numb	ers attached? NO	-
5. Name and address of party to concerning document should I	•	6. Total number of	f applications and patents involved: 1
Records Manager		7. Total Fee (37 C	FR 3.41): \$40.00
HEWLETT-PACKARD CON		Enclose	d
Legal Department - MS 31 P.O. BOX 15	14	Y Assab assis	
Boise, ID 83707-0015		Authoriz	zation to be charged to deposit account.
		8. Deposit Accou	nt Number: 08-2025
	DO NOT USE	THIS SPACE	
9. Statement and signature.			
To the best of my knowledge and true copy of the original document		nformation is true a	and correct and any attached copy is a
	SE	Ree_	
Dianna Baker Name of Person Signing	Signature	RCZ_	July 27, 2000 Date
	•	ling cover sheet, attac	chments, and document: 4
OMB No. 0651-0011-162P. 1000135			
		ch this portion	
	ith required cover sheet Commissioner of F Box A	information to: Patents and Trademassignment	arks
	Washingto	on, D.C. 20231	

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PATENT APPLICATION ATTORNEY DOCKET NO. 10991599-1

ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned (each) have agreed and hereby agree to ass COMPANY, a Delaware corporation having its principal place of business (hereinafter HP), in furtherance of my/our obligations to HP, and do hereby a successors and assigns, the entire right, title and interest, including the right an application for Letters Patent of the United States entitled:	ss in Palo Alto, California.
Fault Tolerant Data Storage Systems And Methods Of Operating A Fault Tole	
Filing date: April 19, 2000 Serial No.: 09/552	,669
and the invention(s) and improvement(s) set forth therein, and an continuations-in-part (C-I-P's), divisionals, and renewals of and substitutes the Letters Patent, and any and all Letters Patent of the United States and of courant be granted thereon or therefor; and any reissues, or reexaminations, of Patent.	or said application for said
I/we additionally authorize HP to file applications in my/our name for Lette be held and enjoyed by HP, its successors, assigns, nominees or legal repres the term or terms for which said Letters Patent respectively may be granted fully and entirely as the same would have been held and enjoyed by me/us transfer not been made;	entatives, to the full end of
AND I/we hereby covenant that I/we have full right to convey the entire in that I/we have not executed and will not execute any agreement in conflict covenant and agree that I/we will, each time a request is made, and without deliver all such papers as may be necessary or desirable to perfect the timprovement(s), said application and said Letters Patent, to HP, its success legal representatives, and I/we agree to communicate to HP, or to its respecting said invention(s) or improvement(s), said application and said Lettelegal proceedings, to sign all lawful papers, to execute all disclaimers and C-I-P's, reissue and foreign applications, to make all rightful oaths and declar everything possible to aid HP, its successors, assigns, nominees and legal re enforce, for its or their own benefit, proper patent protection for said invent any and all countries provided the expenses which may be incurred to cooperation and assistance are paid by HP;	herewith, and I/we further t undue delay, execute and itle to said invention(s) or sors, assigns, nominees or nominee, all known facts ers Patent, to testify in any divisionals, continuations, rations, and generally to do presentatives to obtain and ion(s) or improvement(s) in
AND I/we hereby authorize and request the Commissioner of Patents and States and any official of any country or countries foreign to the United State patents on applications as aforesaid, to issue to HP, as assignee of the entire and all Letters Patent for said invention(s) or improvement(s), including any a United States which may be issued and granted on or as a result of thaccordance with the terms of this assignment.	es whose duty it is to issue right, title and interest, any and all Letters Patent of the
I/we further authorize and direct HP attorneys to insert the serial num application now identified by the attorney docket number and title set forth a shall have been made known to them by the United States Patent and Tradem	above as soon as the same
IN WITNESS WHEREOF, I/we hereunto set my/our hand(s) and seal(s): Date Assignment Signed: Inventor's Typed Name: Robert A. Rust Date Application Signed:	15,2000
Inventor's Typed Name: Robert A. Rust Date Application Signed:	april 5,2000
State of Idaho)) ss.:	•
County of Ada)	
Before me this 3th day of April, 2000 personally appeared Robert A. Rust personally known or proved to me on the basis of satisfactory evidence to be the person instrument of assignment to be his/her free act and fleed. Notary	who is who acknowledged the foregoing L. Chw. Juyfin Public Publ

(Use Page Two For Additional Inventors) Signature(s))

Page 1 of 3

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P. O. Box 272400
Fort Collins, Colorado 80528-9599

PATENT APPLICATION
ATTORNEY DOCKET NO. 10991599-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

IN WITNESS WHEREOF, I we hereunto set my	//our hand(s) and seal(s):
R 10 298/= 1	Date Assignment Signed: 4/5/69
Inventor's Typed Name: Barry J. Oldfield	
State of Idaho	Date Application Signed: 4/5 30
County of Ada } ss.:	
Before me this 5th day of April, 2000	at a superior and the s
personally known or proved to me on the basis of sale	Southly appeared Sarry J. Oldfield who is specific y evidence to be the person who acknowledged the foregoing
instrument of assignment to be his/her free act and dee .	
(*	L. Chris Huffir
1.	My commission expires: 5/16/2003
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	A TE OF
Stores Les Shrades	Date Assignment Signed: 5-2 4-00
Inventor's Signature (Seal)	Date Assignment Signed:
Inventor's Typed Name: Steven Lee Shrader	Date Application Signed: 5-24-00
State of Idaho)	
) ss.: County of Ada	191919191919
Before me this 4 day of May, 2000 Before me this 4 day of May, 2000 Before me this day of the basis of satinstrument of assignment to be his/her free act and deed.	ersonally appeared <u>Steven Lee Shrader</u> who is stated by the person who acknowledged the foregoing
indication of designment to be morned into the detailed design.	V. C. Notery Public Huffin
	Notary Public My commission expires: 5/16/2003
A A A A A A A A A A A A A A A A A A A	SIN HO
1) i ~ , l	Acces 14 64 50 50
Mustine Sund	Date Assignment Signed: 4/5/00
*	Date Application Signed: 4/5/20
nventor's Typed Name: Christine Grund	Date Application Signed:
State of Idaho) ss.:	
County of Ada)	
Before me this 5th day of Upril , 2000, popersonally known or proved to me on the basis of said	ersonally expeared Christine Grund who is
nstrument of assignment to be his/her free act and de	hat the person who acknowledged the foregoing
personally known or proved to me'on the basis of sat instrument of assignment to be his/her free act and de d	L. Chis Auffur
4	Notary Public My commission expires: 5/16/2003
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* *	A. C.
(Use Page Three For Addition	Page 2 of 3
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Rev 11/99 (Assign)

PATENT REEL: 011126 FRAME: 0933

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ATTORNEY	DOCKET	NO.	

## **ASSIGNMENT OF PATENT APPLICATION (cont.)**

1/1/2	Middle		Date Assignment Signed: (8 APR 2-000
inventor's	Signature (Seal)		Date Assignment Signed
Inventor's	Typed Name: Christopher W. J	ohansson	Date Application Signed: OS AR2 2000
State of	Idaho	)	
County of	Ada	) ss.: )	della care and care a
Before	e me this 5th day of April, 2	2000	Christopher W. Johansson who is
personally	known or proved to me on to de his/her fre	the basis of 🆠	avstantory evidence to be the person who acknowledged the foregoing
			- Alderton Habe.
Inventor's	Signature (Seal)		Date Assignment Signed:
			Date Application Signed:
inventor s	Typed Name:		Date Application digital.
State of		) } ss.:	
		,	
County of		)	
•		)	, personally appeared who is
Before personally		the basis of s	, personally appeared who is satisfactory evidence to be the person who acknowledged the foregoins d.
Before personally	e me this day of known or proved to me on .	) the basis of s e act and deed	, personally appeared who is satisfactory evidence to be the person who acknowledged the foregoing d
Before personally instrumen	e me this day of known or proved to me on to fassignment to be his/her fre	) the basis of s e act and deed	Notary Public
Before personally instrumen	e me this day of known or proved to me on to fassignment to be his/her free	e act and deed	Notary Public My commission expires:  Date Assignment Signed:
Before personally instrumen	e me this day of known or proved to me on to fassignment to be his/her free	e act and deed	Notary Public  My commission expires:
Before personally instrumen	e me this day of known or proved to me on to fassignment to be his/her free	e act and deed	Notary Public My commission expires:  Date Assignment Signed:
Before personally instrument	e me this day of known or proved to me on to fassignment to be his/her free to fassignment to fassignm	e act and deed	Notary Public My commission expires:  Date Assignment Signed:
Before personally instrumental inventor's Inventor's State of County of Before personally	e me this day of known or proved to me on to fassignment to be his/her free signature (Seal)  Typed Name:	) ) ss.: )	Notary Public  Notary Public My commission expires:  Date Assignment Signed:  Date Application Signed:  who is satisfactory evidence to be the person who acknowledged the foregoing
Before personally instrumental inventor's Inventor's State of County of Before personally	e me this day of known or proved to me on tof assignment to be his/her free tof assignment to be	) ) ss.: )	Notary Public  Notary Public My commission expires:  Date Assignment Signed:  Date Application Signed:  who is satisfactory evidence to be the person who acknowledged the foregoing

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

Page 3 of 3

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**RECORDED: 08/07/2000**