FORM PTO-1595	-	10-18-2000	. DEPARTMENT OF COMMERCE
1-31-92 RE	CORDA		Patent and Trademark Office
	P IIII		y Docket No. 10990816-1
Name of conveying party(ies):		101489997	receiving party(ies):
Josh Hogan		HEWLETT-PACKARD	COMPANY
Charles Robert Weirauch		Intellectual Property A	
		P.O. Box 272400 Fort Collins, Colorado	80528-9599
	- KD		
_	25,00		
4	.25,00		
Additional name(s) of conveying party(ies) attac		Additional name(s) & address(e	s){attached?Yes _X No
3. Nature of Conveyance:		T THE THE THE THE THE THE THE THE THE TH	
X Assignment	Merger	Cha	nge of Name
Security Agreement	Other		
occurry /\greenient	0000		
Execution Date(s): April 5, 2000 & Ap	ril 12, 2000		
4. Application number(s) or patent nur	nber(s):		
If this document is being filed together	r with a new appli	cation, execution date of t	he application is:
A. Patent Application No.(s)		B. Patent No.(s)	
Serial No.: 09/570,807 Date Filed: 0	5/15/2000		
	Additional numb	ers attached? NO	
5. Name and address of party to whor	n correspondence	6. Total number of applica	ations and patents involved:
concerning document should be mailed:			
Records Manager HEWLETT-PACKARD COMPANY		7. Total Fee (37 CFR 3.41	17 940.00
Ann Jesus		Enclosed	
1501 Page Mill Rd M/S 4U-10 Palo Alto, CA 94304		X Authorization to be charged to deposit account.	
		8. Deposit Account Num	ber: <u>08-2025</u>
	DO NOT USE	THIS SPACE	
9. Statement and signature.			
To the best of my knowledge and beli	ief the foregoing i.	nformation is true and corr	ect and any attached conv is a
true copy of the original document.	er, the foregoing in		
Ann Jesus			Sep 18, 2000
Name of Person Signing	Signature	and the state of t	Date
Total nu	mber of pages includ	ling cover sheet, attachments	, and document: 3
OMB No. 0651-0011 (exp. 4/94)			
	Do Not detac	ch this portion	
Mail document to be recorded with red			
0/17/2000 GTDN11 00000106 082025 095708	Box A	atents and Trademarks ssignment	
1 FC:581 40.00 CH		on, D.C. 20231	

PATENT REEL: 011156 FRAME: 0072

ATTORNEY DOCKET NO. 10990816-1

HEWLETT-PACKARD COMPANY Intellectual Property Administration P. O. Box 272400 Fort Collins, Colorado 80528-9599

Optical Disk Track Jump Detection

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:

Filing date: May 15, 2000	Serial No.:	09/570,807
and the invention(s) and improvement(s) set continuations-in-part (C-I-P's), divisionals, and rene Letters Patent, and any and all Letters Patent of the may be granted thereon or therefor; and any reissupatent.	wals of and sub: United States an	stitutes for said application for said of countries foreign thereto which
I/we additionally authorize HP to file applications be held and enjoyed by HP, its successors, assigns, the term or terms for which said Letters Patent re- fully and entirely as the same would have been he transfer not been made;	, nominees or leg spectively may b	al representatives, to the full end of e granted, reissued or extended, as
AND I/we hereby covenant that I/we have full right that I/we have not executed and will not execute a covenant and agree that I/we will, each time a regideliver all such papers as may be necessary or improvement(s), said application and said Letters legal representatives, and I/we agree to communicespecting said invention(s) or improvement(s), said legal proceedings, to sign all lawful papers, to execute C-I-P's, reissue and foreign applications, to make all everything possible to aid HP, its successors, assigned end and all countries provided the expenses we cooperation and assistance are paid by HP;	any agreement in uest is made, and desirable to performed patent, to HP, its nicate to HP, or application and decute all disclair if it is nominees and protection for sa	conflict herewith, and I/we further d without undue delay, execute and ect the title to said invention(s) or s successors, assigns, nominees or to its nominee, all known facts said Letters Patent, to testify in any mers and divisionals, continuations, and declarations, and generally to do I legal representatives to obtain and id invention(s) or improvement(s) in
AND I/we hereby authorize and request the Co States and any official of any country or countries a patents on applications as aforesaid, to issue to HP, and all Letters Patent for said invention(s) or impro- United States which may be issued and granted accordance with the terms of this assignment.	foreign to the Un as assignee of tl vement(s), includ	ited States whose duty it is to issue he entire right, title and interest, any ing any and all Letters Patent of the
I/we further authorize and direct HP attorney application now identified by the attorney docket n shall have been made known to them by the United	umber and title s	et forth above as soon as the same
IN WITNESS WHEREOF, I/we hereunto set my/o		
Date Inventor's Signature (Seal)	Assignment Signed:	12 4. Way 2000 on Signed: 405 409
Inventor's Signature (Seal)	<u> </u>	C / 11
Inventor's Typed Name: <u>Josh Hogan</u>	Date Application	on Signed: 405 Hog
State of Cahitonnia		124 W/ 2000
County of Santa Clara		'0
Before me this 12^{+5} day of \underline{May} , $\underline{2000}$, personal personally known or proved to me on the basis of satisfactor instrument of assignment to be his/her free act and deed.	ally appeared <u>Jos</u> ry evidence to be th	h Hogan who is ne person who acknowledged the foregoing
DEE E. TIMMONS Commission # 1241528 Notory Public - California - E		Notary Public My commission expires:

tional Inventor(s) Signature(s))

Santa Clara County
My Comm. Expires Nov 12, 2003

PATENGE 1 of 2 REEL: 011156 FRAME: 0073 When recorded please return to:

HEWLETT-PACKARD COMPANY
Intellectual Property Administration
P. O. Box 272400
Fort Collins, Colorado 80528-9599

PATENT APPLICATION
ATTORNEY DOCKET NO. 10990816-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

IN WITNESS WHEREOF, I	we hereunto set my/our har	nd(s) and seal(s	3):
11/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1/1	Date A	ssianment Sianed:	APRIL 5, 2000
Inventor's Signature (Seal)			70.51=
Inventor's Typed Name: Charles	Robert Weirauch	Date Application	on Signed: Arkil 5, 2000
State of)) ss.:		
County of)		
Before me this day of personally known or proved to instrument of assignment to be h		appeared <u>Char</u> evidence to be t	who is the person who acknowledged the foregoing
	JONATHAN A FIROOZ Notary Public State of Colorado		My commission expires: 4/12 5/63
	Date A	ssignment Signed:	
Inventor's Signature (Seal)		3	
Inventor's Typed Name:		Date Application	on Signed:
State of)) ss.:		
County of) 55		
Before me this day of personally known or proved to instrument of assignment to be h		appearedevidence to be t	who is the person who acknowledged the foregoing Notary Public My commission expires:
nventor's Signature (Seal)	Date As	ssignment Signed:	
Inventor's Typed Name:		Date Application	on Signed:
State of)		
County of) ss.:)		
Before me this day of personally known or proved to nstrument of assignment to be h		appearedevidence to be the	who is ne person who acknowledged the foregoing
			Notary Public
			My commission expires:

Page 2 of 2

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

RECORDED: 09/25/2000

Rev 11/99 (Assign)