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1. Name of conveying party(ies):	11 20 01	101902968 2. Name and address of receiving pa		
Joseph M. Torgerson, 11/27/00	11.29.01	•	• • •	
Bruce Cowger, 11/22/00		HEWLETT-PACKARD COMPANY Intellectual Property Administration	חפ	
David M. Hurst, 01/23/01		P.O. Box 272400		
Mark H. MacKenzie, 11/29/00		Fort Collins, Colorado 80527-24	00	
Mark H. Mackenzie, 11/29/00				
		•		
Additional name(s) of conveying party(les) a	ttached Yes X No	Additional name(s) & address(es) attached?	YesX No	
3. Nature of Conveyance:				
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Execution Date(s): 11/27/00, 11/2		1/29/00, respectively		
4. Application number(s) or patent i	number(s):			
If this document is being filed toge	ther with a new appli	cation, execution date of the application	on is:	
A. Patent Application No.(s)		B. Patent No	.(s)	
Application No.: 09/702,267	Date Filed: 10	/30/2000		
Confirmation No.: 1100	Additional number	ers attached? NO		
5. Name and address of party to will concerning document should be		6. Total number of applications and p	atents involved:1	
Concerning document should be mailed: Records Manager		7. Total Fee (37 CFR 3.41): \$40.00		
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Sarah J. O'Brien, MS 66-838	3	——————————————————————————————————————		
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·•	PACIOC	993688	Attorney Docket No. 10007695-1		
1. Name of conveying party(les):	70000	BE See and add	tress of receiving party(ies):		
Joseph M. Torgerson, 11/27/00		HEWLETT-PACKARD COMPANY			
Bruce Cowger, 11/22/00 Devid M. Huret, 01/23/01		Intellectual Property Administration P.O. Box 272400 Fort Colling, Colorado 80527-2400			
					Mark H. MacKenzie, 11/28/00
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Serial No.: 09/702,267 Date Filed:	10/30/00				
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HEWALETZ PACKARD COMPANY Invellactual Property Administration P. D. Box 272400 Fort Collins, Calarade 80527-2400

ATTORNEY DOCKET NO. 10007895-1

ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned (each) have agreed end hereby agree to easign to HEWLETT-PACKARD COMPANY, a Dalawere corporation having lits principal place of business in Palo Alto, California,

LUCABEROTE and assi	furtherance of my/our c gas, the eastes right, th strers Patent of the Unit	tle and interest, inclu			
METHOD AND APPA	aratus for thansfe	FRING INFORMATIO	N TO A PRINTHEAD		
Filing date: 10/3	1Q/DQ	Serial No.:	32/702,271	-12-3-01 DO	09/702,267
continuations-in-part Letters Patent, and	n(s) and improvement t (C-I-P's), divisionals, any and all Letters Pate reon or therefor, and a	and renewals of and trailing of the united Sta	f Aubstitutes for said les and of countries f	application for sald oreign thereto which	
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Inventor's Typed Name:	-	Оме Ар	plication Signed:	27/2000	
State of Oragon	1				
County of	} # #. :]				
Before we this 514	day of Chember 20	, personally appeared	Joseph M. Totokton	who is	
perzonally known or ph Insuranem of excipamen	OFFICE	ial Seal I Roch Blig-Oregon In No. 187703	Dod	10/5/2003	
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HEWLETT-PACKARD COMPANY

intellectual Property Administration P. O. Box 272400 Fort Collins, Colorado 80527-2400 858 655 5859

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PATENT APPLICATION

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ASSIGNMENT OF PATENT APPLICATION (cont.)

IN WITNESS WHEREOF, I we hereunto set my	dour boads) and needs).	
15/		
Inventor's Signature (Seki)	Date Assignment Signed:	72 Nov '00
Historial Track Name Courses	Maria A. Harata	- 22 Alm (2)
	Uate Application	Signed: 2 C NOV CC
State of Oregon)		•
County of Benton		
Before me this 2 day of Niv. 2000	personally appeared <u>Bruce</u>	<u>Cowger</u> who is
personally known or proved to me on the basis of sa instrument of assignment to be his/her free act	tistactory evidence, to be the	
	OFFICIAL SEAL	Deresa K. Duma
	NOTARY PUBLIC - OREGON COMMISSION NO. 33674 W COMMISSION FOR SEPT, 2 200	otary Public by commission expires: 9-8-2004
	Date Assignment Signed:	
Inventor's Signature (Seal)	· - · · 	
Inventor's Typed Name; David Mr. Hurst	Date Application 5	igned:
State of Oregon }		
} ss.: County of		
Before me this day of	personally appeared <u>David</u> risfactory evidence to be the	M. Hust who is who is person who acknowledged the foregoing
		Notary Public
		My commission expires;
Inventor's Signerate (Seal)	Date Assignment Signed:	29 NOV 2000
Inventor's Typed Name: Mark H. MacKenzie	Date Application S	Signed: 29 Uav 2000
State of Oregon)		
County of Birtish		
Before me this 27 day of N. World , 2000.	personally appeared Mark !	1. MacKenzie who is
personally known or proved to me on the basis of se instrument of assignment to be his/her free act and deed.	itisfactory evidence to be the	person who acknowledged the toragoing
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	OFFICIAL SEAL TERESA K TUMA NOTARY PUBLIC - OREGON COMMISSION NO. 336747 MY COMMISSION EXTRES SET, 1, 2004	OLYDDA K - OLLMOU Notary Public My commission expires: 9-8-2004

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

Page 2 of 2

Rev 10/00 (Assign)

PATENT REEL: 012207 FRAME: 0476