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U.S. DEPARTMENT OF COMMERCE

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RECORDATION FORM COVER SHEET

FORM PTO-1595 1-31-92

	PATENTS ON	ILY Attorney Docket No. 10015451-1
1. Name of conveying party(ies): Rio T. Rivas 4/9/02 Shen Buswell 4/9/02 Mehrgan Khavari 4/9/02 Jeffrey R. Pollard 4/9/02		Name and address of receiving party(les): HEWLETT-PACKARD COMPANY Intellectual Property Administration P.O. Box 272400 Fort Collins, Colorado 80527-2400
	Yes _XNo	Additional name(s) & address(es) attached? Yes X No
3. Nature of Conveyance: X Assignment	Merger	Change of Name
Security Agreement	Other	
Execution Date(s): April 9, 2002		
4. Application number(s) or patent number((s):	
If this document is being filed together wit	hanew applic	ation, execution date of the application is:
A. Patent Application No.(s)		B. Patent No.(s)
Application No.: 10/061,828	Date Filed: 1/3	1/02
Confirmation No.: 9528 Ad	ditional numbe	rs attached? NO
Name and address of party to whom co concerning document should be mailed: Records Manager HEWLETT-PACKARD COMPANY Rick de la Torre MS 66-838 16399 W Bernardo Drive San Diego CA 92127		6. Total number of applications and patents involved:1 7. Total Fee (37 CFR 3.41): \$40.00 Enclosed X Authorization to be charged to deposit account. 8. Deposit Account Number:
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true copy of the original document. Lucinda G. Auciello	the foregoing in	Apr 16, 2002
Total number	of pages includi	ing cover sheet, attachments, and document: 3
OMB No. 0651-0011 (exp. 4/94)		
Mail document to be recorded with require	ed cover sheet Commission Box As	th this portion information to: ner for Patents ssignment n, D.C. 20231

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

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:

iling date: 1/31/02	Application No.: 10/061,828
nd the invention(s) and improvement ontinuations-in-part (C-I-P's), divisionals, etters Patent, and any and all Letters F which may be granted thereon or therefor etters Patent.	t(s) set forth therein, and any and all continuations, and renewale of and substitutes for said application for said Patent of the United States and of countries foreign thereto and any reissues, or reexaminations, or extensions of said
o be held and enjoyed by HP, its success of the term or terms for which said Lette as fully and entirely as the same would he ransfer not been made;	applications in my/our name for Letters Patent in any country, ors, assigns, nominees or legal representatives, to the full enders Patent respectively may be granted, reissued or extended, ave been held and enjoyed by me/us had this assignment; and
and that i/we have not executed and we further covenant and agree that i/we we execute and deliver all such papers as invention(s) or improvement(s), said application or legal representatives, and infacts respecting said invention(s) or impriment to sign all continuations, C-I-P's, reissue and foreign generally to do everything possible invention(s) or improvement(s) in any and me/us in lending such cooperation and as	ith not execute any agreement in conflict herewith, and I/we fill, each time a request is made, and without undue delay, may be necessary or desirable to perfect the title to said leation and said Letters Patent, to HP, its successors, assigns, we agree to communicate to HP, or to its nominee, all known overment(s), said application and said Letters Patent, to testify lawful papers, to execute all disclaimers and divisionals, in applications, to make all rightful oaths and deciarations, and to aid HP, its successors, assigns, nominees and legal for its or their own benefit, proper patent protection for said all countries provided the expenses which may be incurred by saistance are paid by HP;
States and any official of any country or patents on applications as aforesaid, to any and all Letters Patent for said inventithe United States which may be issued accordance with the terms of this assign.	est the Commissioner of Patents and Trademarks of the United countries foreign to the United States whose duty it is to issue issue to HP, as assignee of the entire right, title and interest ion(s) or improvement(s), including any and all Letters Patent of and granted on or as a result of the application aforesaid, inment.
	P attorneys to insert the serial number and filing date of sale by docket number and title set forth above as soon as the same the United States Patent and Trademark Office.
IN_WITNESS WHEREOF, I/we hereur	nto set my/our hand(s) and seal(s):
Ris T. Ross	Date Assignment Signed: 4/9/02
inventor's Signature (Seal)	<u> </u>
Inventor's Typed Name: Rio T Rives	Date Assignment Signed: 4/9/02
State of }	
County of	:
•	warmonnilly specially all Tokers
is personally known or proved to ma on the case instrument of assignment to be his/her free act an	personally appeared <u>Rio T Rivas</u> who acknowledged the foregoid dieed.

Page 1 of 2

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ASSIGNMENT OF PATENT APPLICATION (cont.)

	Date Assignment Signed:
nventor's Signature (Setil)	04/09/02
nventor's Typed Name: Stein Buswell	Deta Application Signed
State of }	
County of	
Before me this day of	personally appeared Shen Ruswell who acknowledged the foregoing and satisfactory evidence to be the person who acknowledged the foregoing
s personally known or proved to me on the pass netrument of assignment to be his/her free act and	deed.
_	Holery Public
	My commission utples:
1010	•
111/1 5 U	-4/02/02
My Coler	Date Assignment Signed: 04/69/02
inventor's Signature (Seel)	Date Application Signed: 04/09/02
Inventor's Typed Name: Metirgan Khavari	Date Application organization
State of)	<u>.</u>
County of	
Before me this day of	personally appeared <u>Hehrom Whyari</u> who sis of satisfactory evidence to be the person who acknowledged the foregoing
is personally known or proved to me on the bac instrument of assignment to be his/her free sot an	nd deed.
	Notwy Public
	My commission expires:
	1 /
	11/0/02
()M. Su	Oste Assignment Signed:
inventor's September (Soul)	11/0/02
inventor's September (Soal) Inventor's Typed Name: Jeffrey R Polland	
	Date Application Signed: 4/9/02
Inventor's Typed Name: Jeffrey R Polland State of)) so	Date Application Signed: 4/9/02
Inventor's Typed Name: Jeffrey R Polland State of)) so	Date Application Signed: 4/9/02
Inventor's Typed Name: Jeffrey R Polland State of)) st	Date Application Signed: 4/9/02 s.: personally appeared
Inventor's Typed Name: Jeffrey R Polland State of) County of) Before me this day of	Date Application Signed:
Inventor's Typed Name: Jeffrey R Polland State of) County of) Before me this day of	Date Application Signed:
Inventor's Typed Name: Jeffrey R Polland State of) County of) Before me this day of	Date Application Signed:

Rev 10/01 (Applign)

PATENT REEL: 012595 FRAME; 0428