1 ORM PTO-1595 1-31-8? RECOR		23-2003 	J.S. DEPARTMENT OF COMMERCE Patent and Trademark Office ney Docket No. 200300843-1
ે. Name of conveying party(ies): Fr∋nk Paul Carau, Sr.	ney Docket No. 200300843-1 102427817 HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. Intellectual Property Administration P.O. Box 272400 Fort Collins, Colorado 80527-2400		
Additional name(s) of conveying party(ies) attached	Yes X No	Additional name(s) & addre	ess(es) attached?Yes _X No
X Assignment	Merger	(Change of Name
Security Agreement	Other	`	1989 1789
Execution Date(s): Respectively;03-05-2003			
4 App ication number(s) or patent number(s):			
I this document is being filed together with a		cation, execution date o	of the application is:
7 Pat ant Application No.(s)			B. Patent No.(s)
Application No.: 10/319,225 Da	te Filed: 12	-12-2002	
Confirmation No.: 9913 Addit	ional numbe	rs attached? NO	
Name and address of party to whom correspondence concerning document should be mailed: Records Manager Intellectual Property Administration HEW/LETT-PACKARD COMPANY P.O. Box 272400 Fort Collins, Colorado 80527-2400		7. Total Fee (37 CFR 3	plications and patents involved: 1 3.41): \$40.00 on to be charged to deposit account.
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Rox 02/03 (Facdassin)	Washingto	n, D.C. 20231	PATENT EEL: 013975 FRAME: 0253

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Fort Collins, Colorado 80527-2400

PATENT APPLICATION

ATTORNEY DOCKET NO. 200300843-1

ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned (each) have agreed and hereby agree to assign to HEWLETT-PACKARD EVELOPMENT COMPANY, L.P., a Texas Limited Partnership having its principal place of business in Houston, Texas, (hereinafter HPDC), in furtherance of my/our obligations to the Hewlett-Packard Company and its subsidiaries and affiliates, and do hereby assign and transfer to HPDC, 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:

a pplication for Letters Patent of the United States er	titled:
F ling date: 12-12-2002	Application No.: 10/319,225
continuations-in-part (C-I-P's), divisionals, and rene Latters Patent, and any and all Letters Patent of the	forth therein, and any and all continuations, wals of and substitutes for said application for said United States and of countries foreign thereto which les, or reexaminations, or extensions of said Letters
country, to be held and enjoyed by HPDC, its succeeding full end of the term or terms for which said Let	lications in my/our name for Letters Patent in any issors, assigns, nominees or legal representatives, to ters Patent respectively may be granted, reissued or d have been held and enjoyed by me/us had this
that I/we have not executed and will not execute a covenant and agree that I/we will, each time a requirement and such papers as may be necessary or disprovement(s), said application and said Letters Palegal representatives, and I/we agree to community specting said invention(s) or improvement(s), said legal proceedings, to sign all lawful papers, to execute the community of th	ght to convey the entire interest herein assigned, and any agreement in conflict herewith, and I/we further uest is made, and without undue delay, execute and desirable to perfect the title to said invention(s) or atent, to HPDC, its successors, assigns, nominees or cate to HPDC, or to its nominee, all known facts application and said Letters Patent, to testify in any ecute all disclaimers and divisionals, continuations, I rightful oaths and declarations, and generally to dossigns, nominees and legal representatives to obtain ent protection for said invention(s) or improvement(s) which may be incurred by me/us in lending such
tates and any official of any country or countries that at the same and applications as aforesaid, to issue to HP any and all Letters Patent for said invention(s) or im	mmissioner of Patents and Trademarks of the United foreign to the United States whose duty it is to issue DC, as assignee of the entire right, title and interest, aprovement(s), including any and all Letters Patent of ed on or as a result of the application aforesaid, in
	of record to insert the serial number and filing date of ket number and title set forth above as soon as the United States Patent and Trademark Office.
IN WITNESS WHEREOF, I/we hereunto set my/o	our hand(s) and seal(s):
I I I I I I I I I I	signment Signed: 5 MARCH 2003
h ventor's Typed Name: Frank Paul Carau, Sr.	Date Application Signed: 5 MAZ Zous
S ate of	
) ss.:	
Before me this day of , persona	ally appeared Frank Paul Carau, Sr. who is ry evidence to be the person who acknowledged the foregoing

PATENT REEL: 013975 FRAME: 0254

Notary Public

My commission expires: