07 - 12 - 2002 FORM PTO-1595 U.S. DEPARTMENT OF COMMERCE 1-31-12 Patent and Trademark Office SHEET 102153600 Attorney Docket No. 100110663-1 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): Jeffrey J. Walls **HEWLETT-PACKARD COMPANY** Intellectual Property Administration Donley B. Hoffman P.O. Box 272400 Per E. Gullberg Fort Collins, Colorado 80527-2400 Kevin T. Lefebvre Additional name(s) of conveying party(ies) attached \_\_\_Yes X No Additional name(s) & address(es) attached? \_\_\_Yes X No 3. Nature of Conveyance: X Assignment Change of Name Merger Other Security Agreement Execution Date(s): Respectively;02-15-2002, 02-15-2002,02-28-2002,02-15-2002 Application number(s) or patent number(s): If this document is being filed together with a new application, execution date of the application A. Patent Application No.(s) B. Patent No.3s) Application No.: 10/087,151 Date Filed: 03-01-2002 Additional numbers attached? NO Confirmation No.: 2626 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: 1 concerning document should be mailed: 7. Total Fee (37 CFR 3.41): . . . . \$40.00 Records Manager Intellectual Property Administration \_\_\_ Enclosed **HEWLETT-PACKARD COMPANY** P.O. Box 272400 X Authorization to be charged to deposit account. Fort Collins, Colorado 80527-2400 8. Deposit Account Number: 08-2025 DO NOT USE THIS SPACE 9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Marci Santillanes Name of Person Signing Marie Santillaries Jun 28, 2002
Signature

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> **PATENT** REEL: 013066 FRAME: 0683

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## PATENT APPLICATION ATTORNEY DOCKET NO. 100110663-1

## **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:

SYSTEM AND METHOD FOR RENDERING GRAPHICAL DATA			
Filing date:	03-01-2002	Application No.:	10/087,151
continuations-in Letters Patent,	ntion(s) and improvement(s) -part (C-I-P's), divisionals, and and any and all Letters Patent granted thereon or therefor; and	renewals of and substitut of the United States ar	tes for said application for said nd of countries foreign thereto
to be held and e of the term or 1	nally authorize HP to file applicated by HP, its successors, a terms for which said Letters Paterly as the same would have been made;	ssigns, nominees or legal tent respectively may be	representatives, to the full end granted, reissued or extended,
and that I/we he further covenare execute and de invention(s) or inominees or leg facts respecting in any legal prontinuations, (generally to depresentatives invention(s) or interesentations.	hereby covenant that I/we have not executed and will not not and agree that I/we will, eachiver all such papers as may improvement(s), said application gal representatives, and I/we agree said invention(s) or improvement occeedings, to sign all lawfuctories, reissue and foreign application everything possible to aid to obtain and enforce, for its improvement(s) in any and all cog such cooperation and assistance.	execute any agreement ch time a request is made be necessary or desirable and said Letters Patent, ree to communicate to Hent(s), said application and I papers, to execute a desirons, to make all right I HP, its successors, or their own benefit, productives provided the expense.	in conflict herewith, and I/we ade, and without undue delay ale to perfect the title to said to HP, its successors, assigns P, or to its nominee, all known d said Letters Patent, to testify II disclaimers and divisionals aful oaths and declarations, and assigns, nominees and legal oper patent protection for said
States and any patents on applant and all Letters the United States	ereby authorize and request the official of any country or countrications as aforesaid, to issue ters Patent for said invention(s) cles which may be issued and go the terms of this assignment.	ies foreign to the United ( to HP, as assignee of the or improvement(s), includi	States whose duty it is to issue e entire right, title and interest ng any and all Letters Patent o
application now	er authorize and direct HP attor identified by the attorney dock made known to them by the Ur	et number and title set fo	orth above as soon as the same
IN WITNES	S WHEREOF, I/we hereunto set	my/our hand(s) and seal(s	s):
Inventor's Signature	(Kell)	Date Assignment Signed: $2/$	15/10.2
• •	ame: Jeffrey J. Walls	Date Application S	signed: 2/15/2002
State of	)		
County of	) ss.: )		
is personally knowr	day of, pondormore, pondor proved to me on the basis of satingment to be his/her free act and deed.	ersonally appeared	. <b>Walls</b> who rson who acknowledged the foregoing
		-	Notary Public
			My commission expires:

PATENT <sup>2</sup>
REEL: 013066 FRAME: 0684

## PATENT APPLICATION ATTORNEY DOCKET NO. 100110663-1

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

Date Assignment Signed: 2/15/2  Inventor's Signature (Sael) Inventor's Typed Name: Donley B. Hoffman  Date Application Signed: 2/15/2  Before me this	IN WITNESS WHEREOF, I we here	unto set my/our hand(s) and seal(s):
Inventor's Signature (Sdal) Inventor's Typed Name: Donley B. Hoffman    Date Application Signed: 2//5/t2   State of	Klenle, B. Ht	Date Assignment Signed: 2/15/62
State of	Inventor's Signature (Seal)	•
Before me this day of personally appeared Donley B. Hoffman whose personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be his/her free act and deed.    Notary Public	Inventor's Typed Name: Donley B. Hoffman	Date Application Signed: 2//5/02
Before me this day of personally appeared <u>Donley B. Hoffman</u> who spersonally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoin instrument of assignment to be his/her free act and deed.    Notary Public   My commission expires.	State of	
s personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoin instrument of assignment to be his/her free act and deed.    Notary Public   My commission expires:	County of	) ss.: }
Date Assignment Signed: 2/28/02  Inventor's Signature (Seal)  Inventor's Typed Name: Per E. Guilberg  Date Application Signed: 2/28/02  State of	s personally known or proved to me on t	he basis of satisfactory evidence to be the person who acknowledged the foregoing
nventor's Signature (Seal)  nventor's Typed Name: Per E. Guilberg  Date Application Signed: 28/02  State of		
Date Application Signed: 28/03  State of	pyentor's Signature (Seal)	Date Assignment Signed: 2/28/02
State of		Date Application Signed: $2/28/c$
Before me this day of	State of	
Date Assignment Signed:    Date Application Signed:   Typed Name:   Kevin T. Lefebvre	County of	) ss.: )
Date Assignment Signed: 2/5/07    Date Assignment Signed: 2/5/07    Date Application Signed: 3/5/07    State of	s personally known or proved to me on the	he basis of satisfactory evidence to be the person who acknowledged the foregoing
Date Assignment Signed: 2/5/07    Date Assignment Signed: 2/5/07    Date Application Signed: 3/5/07    State of		Notary Public
nventor's Signature (Seal)  nventor's Typed Name: Kevin T. Lefebvre  Date Application Signed: 7/15/07  State of  ) ss.:  County of		
Date Application Signed: 2/15/07.  State of ) ss.:  County of )	he flow	Date Assignment Signed: 2/5/07
State of ) ss.: County of )	nventor's Signature (Seal)	
) ss.: County of )	nventor's Typed Name: Kevin T. Lefebvre	Date Application Signed: てルジルのと
County of )	State of	
Defere we this day of personally appeared Veyin T. Lefebyre	County of	)
s personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing	Before me this day of	, personally appeared Kevin T. Lefebvre who
es personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing astrument of assignment to be his/her free act and deed.		
Notary Public  My commission expires:		

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

Page 2 of 2

**RECORDED: 07/09/2002**