ATTORNEY DOCKET NO.	200503049-1		11-(03-2006	TMENT OF COMMERCE
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Name of conveying par	tv(ies):			nd address of receiving	party(ies):
Evan R. Kirshenbaum					
			HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. 20555 SH 249 Houston, TX 77070		
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Additional name(s) of convey	ring party(ies) attache	ed? ∐Yes ⊠No	Additional na	me(s) and address(es) a	ttached? Yes ×No
3. Nature of Conveyance:					
★ Assignment		☐ Change o	of Name	Security Agree	ement Joint
Other					
Execution Date(s): 10-26-	ne.				
4. Application number(s)		<u> </u>			
If this document is being	•		on, execution	date of the application	n is: 10-26-2006
A. Patent Application No	_				
Application No.: Date File					
Confirmation No.: B. Patent N			lo.(s):		
Additional numbers attach	ned? NO				
5. Name and address of party to whom correspondence concerning document should be mailed: Records Manager Intellectual Property Administration HEWLETT-PACKARD COMPANY			6. Total nur	mber of applications ar	nd patents involved: 1
			7. Total Fee (37 CFR 3.41): \$40.00		
			Enclosed		
			X_Authorization to be charged to deposit account.		
P.O. Box 272400 Fort Collins, Colorado 80527-2400			8. Deposit Account Number: <u>08-2025</u>		
9. Statement and signature	e .	<u></u>	<u></u>		
To the best of my know	ledge and belief. th	ne foreaoina infoi	rmation is true	e and correct and anv	attached copy is a true
copy of the original doc					
Dan C. Hu		Mal	1/1	C	October 27, 2006
Name of Person S	igning	Sign	ature		Date
Total na	umber of pages inc	cluding covershe	et, attachmen	nts, and documents:	2
				axed to (703) 306-599 P.O. Box 1450, Alexan	5, or mailed to: ndria, V.A. 22313-1450
		Page	1 of 1		

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

ATTORNEY DOCKET NO.

200503049-1

ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned (each) have agreed and hereby agree to assign to HEWLETT-PACKARD DEVELOPMENT 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:

title and interest, including the right of priority, in, to and under an application for Letters Patent of the United States identifying Semantic Positions of Portions of a Text Filing Date: **Application No.:** and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part (C-l-P's), divisionals, and renewals of and substitutes for said application for said Letters Patent, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefore; and any reissues, or reexaminations, or extensions of said Letters Patent. I/we additionally authorize HPDC to file applications in my/our name for Letters Patent in any country, to be held and enjoyed by HPDC, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by me/us had this assignment, and transfer not been made; AND I/we hereby covenant that I/we have full right to convey the entire Interest herein assigned, and that I/ we have not executed and will not execute any agreement in conflict herewith, and I/we further coverant and agree that I/we will, each time a request is made, and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said invention(s) or improvement(s), said application and said Letters Patent, to HPDC, its successors, assigns, nominees or legal representatives, and I/we agree to communicate to HPDC, or to its nominee, all known facts respecting said invention(s) or improvement(s), said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisionals, continuations, C-I-P's, reissue and foreign applications, to make all rightful oaths and declarations, and generally to do everything possible to aid HPDC, its successors, assigns, nominees and legal representatives to obtain and enforce, for its or their own benefit, proper patent protection for said invention(s) or improvement(s) in any and all countries provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by HPDC; AND I/we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to HPDC, as assignee of the entire right, title and interest, any and all Letters Patent for said invention(s) or improvement(s), including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment. I/we further authorize and direct the attorneys of record to insert the serial number and filing date of said application now identified by the attorney docket number and title set forth above as soon as the same shall have been made known to them by the United States Patent and Trademark Office. IN WITNESS WHEREOF, I/we hereunto set my/our hand(s) and seal(s): 10/26/06 Date Assignment Signed Inventor's Signature (Seal) Evan R. Kirshenbaum inventor's Typed Name State of i ss : County of Before me this day of , personally appeared Evan R. Kirshenbaum 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 My Commission Expires:

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PATENT

REEL: 018477 FRAME: 0032

RECORDED: 10/27/2006