U.S. PTO 11/799386 04/30/2007

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

ATTORNEY D 103406858 I FORM COVER SHEET PATENTS ONLY Name of conveying party(ies): 2. Name and address of receiving party(ies): Matthew David Smith HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. Douglas A. Pederson 20555 SH 249 Houston, TX 77070 Additional name(s) of conveying party(ies) attached? Yes No Additional name(s) and address(es) attached? Yes No 3. Nature of Conveyance: ★ Assignment Merger ☐ Change of Name ☐ Security Agreement Joint Other Execution Date(s): April 30, 2007, April 30, 2007 4. Application number(s) or patent number(s): If this document is being filed together with a new application, execution date of the application is: A. Patent Application No.(s) Application No.: Date Filed: Confirmation No.: B. Patent No.(s): Additional numbers attached? NO 6. Total number of applications and patents involved: 5. Name and address of party to whom correspondence concerning document should be mailed: 7. Total Fee (37 CFR 3.41):.....\$40.00 Records Manager **Enclosed Intellectual Property Administration HEWLETT-PACKARD COMPANY** X_Authorization to be charged to deposit account. P.O. Box 272400 Fort Collins, Colorado 80527-2400 8. Deposit Account Number: 08-2025 Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is it true copy of the original document. Wendell J. Jones April 30, 2007 Name of Person Signing Date Total number of pages including coversheet, attachments, and documents: 3

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313 45 Page 1 of 1

Rev 10/05 (RecdAsgn)

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

INDEXING A DATA STREAM

PATENT APPLICATION 200600221-ATTORNEY DOCKET NO.

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

Filing Date:	App	lication No.:	
and the invention(s) and improver P's), divisionals, and renewals of Patent of the United States and reissues, or reexaminations, or ext lowe additionally authorize held and enjoyed by HPDC, its sutems for which said Letters Pater same would have been held and exame would have been held and exame we have not executed and will not that I/we will, each time a request necessary or desirable to perfect Patent, to HPDC, its successors, HPDG, or to its nominee, all know Letters Patent, to testify in any leg continuations. C-I-P's, reissue and coverything possible to aid HP enforce, for its or their own beneficially by HPDC. AND I/we hereby authorized and any official of any country applications as aforesald, to issue Patent for said invention(s) or implied issued and granted on or as an	ment(s) set forth therein, and a and substitutes for said applications of countries foreign thereto whitensions of said Letters Patent. e HPDC to file applications in necessors, assigns, nominees on trespectively may be granted and this assignation of the time that I/we have full right to contract execute any agreement in contract in the title to said invention(s) or assigns, nominees or legal reventions, to make the title to said inventions and invential proceedings, to sign all lawful foreign applications to make PDC, its successors, assigns, fit, proper patent protection for which may be incurred by melection for countries foreign to the Ure to HPDC, as assignee of the crovement(s), including any and result of the application aforesaid direct the attorneys of recordationney docket number and tit	ition for said Letters Patent, and ition for said Letters Patent, and ition for said Letters Patent, and ition may be granted thereon or the my/our name for Letters Patent in relegal representatives, to the full reissued or extended, as fully the imment, and transfer not been mainvey the entire interest herein as inflict herewith, and I/we further or elay, execute and deliver all such improvement(s), said application appresentatives, and I/we agree to improvement(s), said application appears, to execute all disclaime all rightful oaths and declaration nominees and legal representations in lending such cooperations are of Patents and Trademarks on ited States whose duty it is to be entire right, title and interest, and I Letters Patent of the United Id, in accordance with the terms of to insert the serial number and le set forth above as soon as the	any and all Letters herefore; and any any country, to be end of the term or and entirely as the de; signed, and that I/ signed, and that I/ signed, and that I/ signed, and detters o communicate to oplication and said are and divisionals; and generally to ves to obtain and attics in any and all and assistance are fithe United States issue patents on any and all Letters States which may of this assignment, filing date of said
Inventor's Signature (Seat)	we hereunto set my (our hand(s)	and seal(s): L/30/2001 Date Assignment Signed	7
Matthew David Smith			
Inventor's Typed Name		Date Application Signed	
State of)).ss.:		
County:of)		
Before me this day of	, personally appeared	Matthew David Smith	who is personally
known or proved to me on the basis assignment to be his/her free act and		e person who acknowledged the for	egoing instrument of
•		Notary Public	
Rev (MIS(Assenment)	Page 1 of 2	My Commission Expires:	

PATENT REEL: 019316 FRAME: 0419 HEWLETT-PACKARD COMPANY infellectual Property Administrator P.O. Box 272400 Fort Collins, Colorado 80527-2400

PATENT APPLICATION

ATTORNEY DOCKET NO.

200600221-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

IN WITNESS WHEREO	F, I/we hereunto set my/our hand(s) and seal(s):	
Da las A	Pela	4.30-2	007
Inventor's Signature (Seal)		Date Assignment Signed	
Douglas A. Pederson	•		
Inventor's:Typed Name	Į.	Date Application Signed	
	·	·	1
State of	•		•
) ss.:		
County of:)		1
Before me this 'day of	personally appeared	Douglas A. Pederson	who is personally
known or proved to me on the bassignment to be his/her free act		the person who acknowledged the	ioregoing instrument of
abolg manifestor months most age.	स्त्र । जात्र । जात्र का का का का	Notary Public	
		My Commission Expires:	
Inventor's:Signature (Seal)		Date Assignment Signed	
	•		•
Inventor's Typed Name		Date Application Signed	•
State of)		
) ss.:		
County of)		
Before me thisday of	, personally appeared	Diane R. Hammerstad	who is personally
known or proved to me on the tassignment to be his/her free act		the person who acknowledged the	foregoing instrument of
Basigninent, to be marier (165, dec.)	ar, a. 2000.	Notary Public	
		My Commission Explinati	•
Inventor's Signature (Seal)		Date Assignment Signed	
		•	
Inventor's Typed Name	•	Date Application Signed	
			•
State of)		
است و المنتشر) ss.:		•
County of)		
Before me this day of	personally appeared		who is personally
known or proved to me on the lassignment to be his/her free act	pasis of sausfactory evidence to be and deed	the person who acknowledged the	roregoing instrument of
dendinine to positive needed.		Notary Public	
•	<u>.</u>	My Commission Expires:	-
Rev 10/05(Assignment)	Page 2 of 2	2	

PATENT REEL: 019316 FRAME: 0420

RECORDED: 04/30/2007