

ATTORNEY DOCKET NO.

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200505975-1

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ARTMENT OF COMMERCE ratent and Trademark Office

RECORDATION F	ORM COVER SHEET			
PATENTS ONLY				
Name of conveying party(ies):	Name and address of receiving party(ies):			
Casey Miller	HEIAR ETT DACKARD DEVELOPMENT COMPANY I D			
David R. Otis Jr	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. 20555 SH 249			
Christopher John Vitello	Houston, TX 77070			
Mark L. McCarty	3 3 6			
Hirdey Bhathal	FINAL			
Joseph W. Dody				
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	I see that the second of the s			
Additional name(s) of conveying party(ies) attached? Yes No	Additional name(s) and address(es) attached? Yes No			
3. Nature of Conveyance:				
	f Name Security Agreement Joint			
☐ Other				
Execution Date(s): 12/6/05;12/6/05;12/6/05;12/6/05;12/2/05;1	2/6/05 respectively.			
4. Application number(s) or patent number(s):				
If this document is being filed together with a new application	on, execution date of the application is:			
A. Patent Application No.(s)				
Application No.: 11/300025 Date Filed:	Dec 14, 2005			
Confirmation No. 4095 B. Patent No.	o.(s):			
Additional numbers attached? NO				
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	Enclosed			
Intellectual Property Administration HEWLETT-PACKARD COMPANY				
P.O. Box 272400	X_Authorization to be charged to deposit account.			
Fort Collins, Colorado 80527-2400	8. Deposit Account Number: <u>08-2025</u>			
9. Statement and signature.	K			
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.				
Copy of the original document.				
J. ' ().	y y			
Kim Rockwood Fuszek Name of Person Signing Signs	May 3, 2006			
E -				
Total number of pages including coversheet, attachments, and documents:5 \$ \$				
Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to: SM Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450				
Page 1 of 5				
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Rev 10/05 (RecdAsgn)

PATENT REEL: 017864 FRAME: 0730

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

Res Voltassigaranni)

PATENT APPLICATION

ATTORNEY DOCKET NO. 200505975-1

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, (hereinsfier 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 emire right. title and interest, including the right of priority, in, to and under an application for Letters Patent of the United States

Filling Date: herawith			
Valuation of the second of the		Application No.:	
and the invention(s) and impro P's), divisionals, and renewals Patent of the United States an reissues, or reexaminations, or I/we additionally autho held and enjoyed by HPDC, its terms for which said Letters Pasame would have been held an AND I/we hareby cove we have not executed and wiff that I/we will, each time a reque necessary or desirable to perfix Patent, to HPDC, its successo HPDC, or to its nominee, all kr Letters Patent, to testify in any i continuations, C-I-P's, reissue; do everything possible to aid i enforce, for its or their own ber	vement(s) set forth therein, are of and substitutes for said applied of countries foreign thereto extensions of said Letters Paterize HPDC to file applications successors, assigns, nominees stent respectively may be grand enjoyed by me/us had this arenant that live have full right to not execute any agreement in ast is made, and without undured the title to said invention(s assigns, nominees or legitive foreign applications, to make the foreign applications, to make the proper patent protection perfit, proper patent protection	nd any and all continuations, co blication for said Letters Patent, which may be granted themos	and any and all Letters or therefore; and any on the and any on the term or ulty and entirely as the nade; in assigned, and that if er covenant and agree such papers as may be cation and said Letters ree to communicate to id application and said aimers and divisionals, and generally to entatives to obtain and any and all aments).
and any official of any country applications as aforesaid, to is: Patent for said invention(s) or a be issued and granted on or as live further authorize	y or countries foreign to the sue to HPDC, as assignee of mprovement(s), including any a result of the application afore and direct the attorneys of re- e attorney docket number and	sioner of Patents and Trademar United States whose duty it if the entire right, title and intere and all Letters Patent of the Un esaid, in accordance with the ter- cord to insert the serial number title set forth above as soon a ademant Office	s to issue patents on st, any and all Letters illed States which may ms of this assignment and filling date of each
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mentors Signestre (Seal)		12-6-05 Date Assignment Signed	**************************************
Jasey T. Miller		12-6-05	
nventor's Typed Name		Date Application Signed	
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defore me this	, personally appeared	Casey Y. Miller	who is personally
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Page 1 of 3

PATENT

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REEL: 017864 FRAME: 0731

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	Intellectual Property Administrator
	P.O. Box 272400
١.	Fort Collins, Colorado 90627-2400

PATENT APPLICATION

ATTORNEY DOCKET NO. 200505975-1

And the same of th	SSIGNMENT OF PATENT A	APPLICATION (cont.)	
IN WITNESS WHEREOF	. I'me herganto set my/our hand	o) and sealsk	
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David R. Otts Jr. Inventor's Typed Name		Date Application Signed	
The second of th		Date Approation Signed	
State of	5		
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County of	j.		
Sefore me this day of	personally appeared	David R. Otis Jr.	who is personally
known or proved to me on the bac assignment to be his/her free act an	sis of setisfactory evidence to be	the person who acknowledged the	toregoing instrument of
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Chail Vites		12-6-05	
Inventor's Signature (Seat)		Date Assignment Signed	
Christopher Vitalia		13.7.05	
Inventor's Typed Name		/2-6-05 Date Application Signed	
State of	.)		
) as.;		
County of)		
Before me thisday of	personally appeared	Christopher Vitello	who is personally
known or proved to me on the bas assignment to be his/her free act and	is of satisfactory evidence to be t dideed	he person who acknowledged the	foregoing instrument of
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Inventor's Signature (Seal)		Date Assignment Signed	- in a second se
Mark McCarty		12-6-05	
Inventor's Typed Name		Date Application Signed	
State of)		
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Before me this day of	personally appeared	Mark McCarty	who is personally
known or proved to me on the basis assignment to be his/her free act and	is of actisfactory evidence to be it I deed.	re person who admowledged the	foregoing instrument of
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Plan 10/05(Andayamman)	Page 2 of 3		

REEL: 017864 FRAME: 0732

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

RECORDED: 05/05/2006

PATENT APPLICATION

ATTORNEY DOCKET NO. 200505975-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

IN WITHESS WHEREOF, I	here hereunto set my/our hand(s)	and seal(s):
March		12-2-05
Invantor's Signature (Stat)		Date Assignment Signed
Hirdey Shathal		12-2-05
Inventor's Typed Name		Date Application Signed
State of)	
County of) 58 ₄ -2	
Before me this day of	, personally appeared	Hirdey Shathal who is personally
		he person who acknowledged the foregoing instrument of
assignment to be his/her free act and		
		Restry Public My Commission Expires
	and the second s	
March W.D.	de /	72-6-2005 Data Assignment Signed
Inventors Signature (Seel)	X	Date Assignment Signed
		12-6-2005
Joseph W. Dody Inventor's Typed Name		Date Application Signed
A STATE OF THE STA		man men in distribution and a printing contract
State of	1.	
) es :	
County of)	
Before me this day of	, personally appeared	Jaseph W. Dody who is personally
known or proved to me on the basis assignment to be his/her free act and		he person who asknowledged the loregoing instrument of
		Holay Pure:
		Му Солитиваю Евриева
Inventor's Signature (Seal)	AND	Date Assignment Signed
inventor's Typed Name	and a second	Date Application Signed
State of)	
County of) ss. ` }	
Before me this day of	, personally appeared	who is personally
The state of the s	s of satisfactory evidence to be the	he person who acknowledged the foregoing instrument of
		Notary Puss;
En. WWEEKsammanas	Page 3 of 3	My Commission Expense:
Flor 10315(Assignment)	· ~3 · · · · ·	

PATENT REEL: 017864 FRAME: 0733