# 11-06-2009

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# RECORDATION FORM COVER SI

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	PATEN	ITS ONLY	10.	2218826	,
Name of conveying party(ies):		2. Name and a	ddress of receiving	party(ies):	
Edgar Circenis (October 27, 2009)		HEWLETT-P	ACKARD DEVELOR	MENT COME	ANV I D
Brian Joseph Jacquot (October 26, 2009)		HEWLETT-PACKARD DEVELOPMENT COMPANY, I 11445 Compaq Center Drive West			AIT1, L.F.
Toran K. Kopren (October 28, 2009)		Houston, TX	77070		
Kathleen L. Gannon (September 15, 2009)					
·	•				
				•	
Additional name(s) of conveying party(ies) attached?	□Yes 🗷 No	Additional name(	s) and address(es) att	ached? \texts	[₹]No
3. Nature of Conveyance:			5, and addition(05) an	20,100.	[2]10
	☐ Change o	f Name	Security Agree	ment	☐ Joint
Other					
Execution Date(s): September 15, 2009, October	r 26, 2009; O	ctober 27, 2009;	October 28, 2009	•	
4. Application number(s) or patent number(s):		120	88846	Santamba	r 15, 2009
If this document is being filed together with a n	ew application	しゅう n, execution dat	e of the application	is:October 2	6. 2009
A. Patent Application No.(s)			••	October 2	
Application No.:	Date Filed:			October 2	
Confirmation No.:	B. Patent N	U (8).			
	D. I diche iv	O.(3).	,		•
Additional numbers attached? NO			· · · · · · · · · · · · · · · · · · ·		
5. Name and address of party to whom correspond concerning document should be mailed:	ndence	6. Total number of applications and patents involved:			
		7. Total Fee (37 CFR 3.41):\$40.00			
Records Manager Intellectual Property Administration		Enclosed			
HEWLETT-PACKARD COMPANY		Y Authori	zation to be charged	t to donocit ac	eou <b>nt</b>
P.O. Box 272400 Fort Collins, Colorado 80527-2400	ŀ		ount Number: 08-2	·	COUNT.
9. Statement and signature.		· Deposit Acc	Outri (Admiber: 00-2)		
To the best of my knowledge and belief, the for copy of the original document.	regeing infor	nation is true an	d correct and any at	tached copy is	a true
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San C Wandan Day No. 40 007		/(	•		
Sean S. Wooden, Reg. No. 43,997 Name of Person Signing	Signa		81 FC+8821 Oc	19, 2009 Date	
Total number of pages including coversheet, attachments, and documents: 5					
Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450					
	Page 1			- 1	

Rev 05/09 (RecdAsgn)

ATTORNEY DOCKET NO.

	REC	ORDATION F	ORM COV	ER SHEET	
•		PATEN	TS ONL	_Y	
Name of conveying part Edgar Circenis (Octobe Brian Joseph Jacquot ( Toran K. Kopren (Octol Kathleen L. Gannon (S	er 27, 2009) October 26, 2009) ber 28, 2009)		2. Name as HEWLET 11445 Co	nd address of receiving party(ies): T-PACKARD DEVELOPMENT Compaq Center Drive West TX 77070	
Additional name(s) of convey	ving party(les) attached	? ∐Yes ⊠No	Additional na	ame(s) and address(es) attached?	Yes ⊠No
3. Nature of Conveyance:			A		
★ Assignment	☐Merger	☐Change o	of Name	Security Agreement	☐ Joint
Other		·			
Execution Date(s): Septer 4. Application number(s) of If this document is being A. Patent Application No.: Confirmation No.: Additional numbers attack 5. Name and address of poncerning document september 1.	or patent number(s): g filed together with a o.(s) hed? NO harty to whom corresp	a new application  Date Filed:  B. Patent N	on, execution lo.(s): 6. Total nu	Septen n date of the application is: Octob Octob	er 27, 2009 er 28, 2009 nvolved:1
Records Manager			Enclosed		
Intellectual Property A HEWLETT-PACKARD			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 signatur			o. Deposit	Account Number. Octobe	
To the best of my know copy of the original doc Sean S. Wooden, Reg. Name of Person S	No. 43,997	Sign	ature	October 29, Date	
		es, Director of		faxed to (571) 273-0140, or mailed P.O. Box 1450, Alexandria, V.A. 2	

Rev 05/09 (ReodAsgn)

PATENT REEL: 023480 FRAME: 0751

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

Ray 10/08 (Assignment)

ATTORNEY DOCKET NO.

200903431-1

#### **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 Pannership 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

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SPECIFICATION AND CONFIGU	RATION OF MANAGEMENT IN	NTENT	
Filing Date: Herewith	Appli	cation No.:	
and the invention(s) and improver P's), divisionals, and renewals of a Patent of the United States and or reissues, or reexaminations, or exit live additionally authorize held and enjoyed by HPDC, its sustems for which said Letters Paters ame 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. HPDC, or to its nominee, all know Letters Patent, to testify in any leg continuations, C-I-P's, reissue and	ment(s) set forth therein, and are and substitutes for said applicate of countries foreign thereto whitensions of said Letters Patent. The HPDC to file applications in microscopial respectively may be granted, enjoyed by me/us had this assignant that I/we have full right to context execute any agreement in contiss made, and without undue delight to said invention(s) or assigns, nominees or legal rewn facts respecting said inventional proceedings, to sign all lawfuld foreign applications, to make a	ny and all continuations, continu- tion for said Letters Patent, and ch may be granted thereon or y/our name for Letters Patent in legal representatives, to the full reissued or extended, as fully nament, and transfer not been man havey the entire interest herein a flict herewith, and I/we further of lay, execute and deliver all such improvement(s), said application presentatives, and I/we agree on(s) or improvement(s), said at I papers, to execute all disclaim all rightful oaths and declaration	any and all Letters therefore; and any and all Letters therefore; and any any country, to be I end of the term or and entirely as the ade; ssigned, and that I/ covenant and agree a papers as may be on and said Letters to communicate to pplication and said ers and divisionals, as, and generally to
do everything possible to aid HP enforce, for its or their own beneficuntries provided the expenses	PDC, its successors, assigns, rifit, proper patent protection for	nominees and legal representa said invention(s) or improveme	tives to obtain and nt(s) in any and all
and any official of any country applications as aforesaid, to issue Patent for said invention(s) or imple issued and granted on or as a	e to HPDC, as assignee of the provement(s), including any and result of the application aforesaind direct the attorneys of record attorney docket number and title	ited States whose duty it is to entire right, title and interest, all Letters Patent of the United d, in accordance with the terms to insert the serial number an e set forth above as soon as the	o issue patents on any and all Letters d States which may of this assignment. d filing date of said
IN WITNESS WHEREOF, I	/we hereunto set my/our hand(s) a	and seal(s):	
0225		Date Assignment Signed	<u> </u>
Inventor's Signature (Seal)		, -	~~ O
Edgar CIRCENIS		/ソースア・ル	333
Inventor's Typed Name	and the second second second second	Date Application Signed	
State of	) ss.		
County of	)		
Before me this day of known or proved to me on the basis assignment to be his/her free act and	s of satisfactory evidence to be the	Edgar CIRCENIS  person who acknowledged the fo	who is personally pregoing instrument of
		Notary Public	
Pau 1068 (Assignment)	Page 1 of 2	My Commission Expires:	

**PATENT REEL: 023480 FRAME: 0752** 

Rev 10/08 (Assignment)

ATTORNEY DOCKET NO.

200903431-1

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

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nventor's aignatue (Seal)		Date Assignment Signed	
Bryan Joseph JACQUOT		10-26-2	009
nventor's Typed Name		Date Application Signed	
State of	)		
	) <b>ss</b> .:		
County of	}		
Before me thisday of	, personally appeared	Bryan Joseph JACQUOT	who is personally
known or proved to me on the bassignment to be his/her free act		the person who acknowledged the f	oregoing instrument of
		Notary Public	·
		My Commission Expires,	
			•
nventor's Signature (Seal)		Date Assignment Signed	
Toran K. KOPREN			
nventor's Typed Name		Date Application Signed	
inventor a Type o Hame		Date Application digited	
State of	1		
	) <b>ss</b> .:		
County of	)		
Before me this day of	, personally appeared	Toran K. KOPREN	who is personally
		the person who acknowledged the f	who is personally foregoing instrument of
assignment to be his/her free act			aregening memorinam e
		Notary Public	
		My Commission Expires:	
nventor's Signature (Seal)		Date Assignment Signed	
Kathleen L. GANNON	•		
Inventor's Typed Name		Data Application Signal	
intolitor a Typod Maille		Date Application Signed	
State of	. 1		
	) ss.:		
County of	) 33		
Before me this day of	, personally appeared	Kathleen L. GANNON	
		the person who acknowledged the	who is personall
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Rev 10/08 (Azzionment)	Page 2 of 2	My Commission Expires:	
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**PATENT REEL: 023480 FRAME: 0753** 

ATTORNEY DOCKET NO.

200903431-1

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

### IN WITNESS WHEREOF, I/we hereunto set my/our hand(s) and seal(s):

Inventor's Signature (Seal)		Date Assignment Signed	
Bryan Joseph JACQUOT			
Inventor's Typed Name		Date Application Signed	
State of	)		
	) ss.:		
County of	)		
Before me this day of	, personally appeared	Bryan Joseph JACQUOT	who is personally
	asis of satisfactory evidence to be	the person who acknowledged the	<del></del>
_		Notary Public	<del> </del>
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lovan Kyn		Date Assignment Signed	
Inventor's Signature (Seal)		Date Assignment Signed	- 1
Toran K, KOPREN		10/28/09	
Inventor's Typed Name	· · · · · · · · · · · · · · · · · · ·	Date Application Signed	······································
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		Notary Public	
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Inventor's Signature (Seal)		Date Assignment Signed	
Kathleen L. GANNON			
Inventor's Typed Name		Date Application Signed	
State of	1		
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Before me this day of	, personally appeared	Kathleen L. GANNON	who is personally
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ATTORNEY DOCKET NO. \_

200903431-1

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

IN WITNESS WHEREOF, I/we herounto set my/our hand(s) and seal(s):

Inventor's Signature (Seal)		Date Assignment Signed	
Bryan Joseph JACQUOT			
Inventor's Typed Name		Date Application Signed	
State of	<b>)</b>		
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Before me this day of	, personally appeared	Bryan Joseph JACQUOT	who is personally
		the person who acknowledged the for	egoing instrument of
assignment to be his/her free act ar	10 deed.		
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Inventor's Signature (Seal)		Date Assignment Signed	
Toran K. KOPREN		, ,	
Inventor's Typed Name		Date Application Signed	
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State of	)		
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County of	)		
Before me this day of	personally appeared	Toran K. KOPREN	who is personally
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		Notary Public	
		My Commission Expires:	
Kalita J.	1 Ennor	9/15/09	
Inventor's Signature (Seal)		Date Assignment Signed	
Kathleen L. GANNON		9/15/09	
Inventor's Typed Name		Date Application Signed	
State of	) ) ss.:		
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Before me thisday of	, personally appeared	Kathleen L. GANNON	who is personally
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	Page 2 of 2	My Cammission Expires:	
Rev 10/08 (Assignment)	Fage 2 01 2		

PATENT REEL: 023480 FRAME: 0755

**RECORDED: 10/29/2009**