## PATENT ASSIGNMENT

# Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

## **CONVEYING PARTY DATA**

Name	Execution Date
David Quijano	08/03/2009
Randall W. Martin	08/03/2009
Tom J. Searby	08/04/2009
John L. Guenther	07/30/2009
Peter J. Wyatt	08/10/2009
Holger Hampf	07/31/2009
Seth Frankel	07/31/2009
Matthew Hern	07/31/2009
Owen T. Richard	08/07/2009

### **RECEIVING PARTY DATA**

Name:	Hewlett-Packard Development Company, L.P.
Street Address:	11445 Compaq Center Drive West
City:	Houston
State/Country:	TEXAS
Postal Code:	77070

## PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	29341796

## **CORRESPONDENCE DATA**

Fax Number: (970)778-4063

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: (970)898-4728
Email: jerry.shorma@hp.com
Correspondent Name: Hewlett-Packard Company
Address Line 1: 3404 E. Harmony Road MS 35
Address Line 2: Intellectual Property Administration

PATENT REEL: 023979 FRAME: 0723 CH \$40.00 293417

501100554

Address Line 4: Fort Collins, CO	DLORADO 80528
NAME OF SUBMITTER:	Be Henry
Total Attachments: 28 source=200900519-1_Assignment#page1.ti source=200900519-1_Assignment#page3.ti source=200900519-1_Assignment#page4.ti source=200900519-1_Assignment#page5.ti source=200900519-1_Assignment#page6.ti source=200900519-1_Assignment#page7.ti source=200900519-1_Assignment#page8.ti source=200900519-1_Assignment#page8.ti source=200900519-1_Assignment#page9.ti source=200900519-1_Assignment#page10. source=200900519-1_Assignment#page11. source=200900519-1_Assignment#page12. source=200900519-1_Assignment#page13. source=200900519-1_Assignment#page14. source=200900519-1_Assignment#page15. source=200900519-1_Assignment#page16. source=200900519-1_Assignment#page17. source=200900519-1_Assignment#page18. source=200900519-1_Assignment#page18. source=200900519-1_Assignment#page18.	f f f f f f f f f f tif tif tif tif tif
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### PATENT APPLICATION

ATTORNEY DOCKET NO. 200900519-1

#### **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,

	· ·	,	**		olication for Letters Pate	
		COMPUTER W	ORKSTATION	V		
Filing Date:	August	12, 2009		Applicati	on No.: 29/341,7	96
and the invention P's), divisionals Patent of the Unreissues, or reconstruction I/we a held and enjoyed terms for which same would hat a NND I we have not extend I/we will, encessary or department, to HPE HPDC, or to its Letters Patent, continuations, it do everything enforce, for its countries proving aid by HPDC; AND I	s, and renewal Juited States examinations, dditionally au ed by HPDC, in said Letters we been held liwe hereby control and vach time a relesirable to poor, its succes nominee, all to testify in a C-I-P's, reissuppossible to a or their own ded the expe	als of and substi- and of countrie or extensions of thorize HPDC to its successors, Patent respect and enjoyed by ovenant that I/w vill not execute quest is made, arfect the title to ssors, assigns, I known facts re ny legal proceed ie and foreign a id HPDC, its si benefit, proper nses which mai	itutes for said a se foreign there of said Letters for file application assigns, nominatively may be go me/us had this any agreement and without un or said invention nominees or lespecting said dings, to sign a applications, to uccessors, assignatent protect y be incurred the complex the Complex to said applications, to uccessors assignated the complex	and any and application of the total which in my/our mees or legaranted, reis as assignment to convey to in conflict due delay, or implegal repressinvention(s) all lawful paper make all rigisigns, nominion for said by me/us in missioner or	and all continuations, corfor said Letters Patent, analy be granted thereoner name for Letters Pateral representatives, to the sued or extended, as fint, and transfer not beer the entire interest here herewith, and I/we furth execute and deliver all strovement(s), said applicatives, and I/we agrillor or improvement(s), said ers, to execute all disciplificatives, and declaratives and legal represe invention(s) or improved lending such cooperations.	and any and all Letters or therefore; and any ant in any country, to be a full end of the term or ully and entirely as the made; in assigned, and that I/er covenant and agree such papers as may be eation and said Letters are to communicate to id application and said aimers and divisionals, ations, and generally to entatives to obtain and ement(s) in any and all on and assistance are
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TIWWII	NESS WHERE	OF, I/we hereun	to set my/our h	and(s) and s	eal(s):	
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Inventor's Signati	ure (Seal)		<del></del>		Date Assignment Signed	·····
	C				Employ Others	
David Quijano Inventor's Typed	Namo				<u> </u>	
inventor's Typeu	rvame				Date Application Signed	
State of			)			
			) ss.:			
County of			)			
Before me this	day of	, persor	ally appeared		David Quijano	who is personally
known or proved assignment to be		basis of satisfac		be the pers	son who acknowledged the	e foregoing instrument of
					Notary Public	
Rev 10/08 (Assignmen	t)		Page 1	of 4	My Commission Expire	ss:

#### PATENT APPLICATION

ATTORNEY DOCKET NO. \_\_\_\_\_\_ 200900519-1

# **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	
Randall W. Martin			
Inventor's Typed Name		Date Application Signed	
State of	)		
	) ss.:		
County of	)		
Before me this day of	, personally appeared	Randall W. Martin	who is personally
<del></del> '	sis of satisfactory evidence to be t	***************************************	·
ű		Notary Public	
		My Commission Expires	
Inventor's Signature (Seal)		Date Assignment Signed	
Tara I Canada			
Tom J. Searby Inventor's Typed Name		Date Application Signed	
inventor's Typed Name		Date Application Signed	
Oled of			
State of	)		
	) ss.:		
County of	)		
	, personally appeared	Tom J. Searby	who is personally
known or proved to me on the ba assignment to be his/her free act ar	sis of satisfactory evidence to be t nd deed.	he person who acknowledged the	foregoing instrument of
		Notary Public	<del></del>
		My Commission Expires	
Inventor's Signature (Seal)		Date Assignment Signed	
John L. Guenther			
Inventor's Typed Name		Date Application Signed	
State of	)		
	) ss.:		
County of	)		
Before me thisday of	, personally appeared	John L. Guenther	who is personally
	sis of satisfactory evidence to be t	he person who acknowledged the	foregoing instrument of
		Notary Public	
	Page 2 of 4	My Commission Expires	
Rev 10/08 (Assignment)	Faye 2 01 4		

#### PATENT APPLICATION

ATTORNEY DOCKET NO. \_\_\_\_\_200900519-1

# **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	
Peter J. Wyatt			
Inventor's Typed Name		Date Application Signed	
State of	1		
Otate of	) ss.:		
County of	)		
•	nerconally anneared	Dotor I What	who is personally
known or proved to me on the ba assignment to be his/her free act a	, personally appeared siss of satisfactory evidence to be the deed.	he person who acknowledged the	foregoing instrument of
		Notary Public	
		My Commission Expires:	
Inventor's Signature (Seal)		Date Assignment Signed	
Holger Hampf			
Inventor's Typed Name		Date Application Signed	
-			
State of	)		
	) ss.:		
County of	, )		
Before me this day of	, personally appeared	Holger Hampf	who is personally
known or proved to me on the baassignment to be his/her free act as	isis of satisfactory evidence to be the	ne person who acknowledged the	foregoing instrument of
		Notary Public	
		My Commission Expires:	
Inventor's Signature (Seal)		Date Assignment Signed	
Seth Frankel			
inventor's Typed Name		Date Application Signed	
State of	)		
County of	) ss.: \		
	/	C-45 E- 3 -1	code a de la calación de
Before me this day of	, personally appeared sists of satisfactory evidence to be the	Seth Frankel	who is personally
assignment to be his/her free act a		ie perauli wilo acknowledged the	toregoing institutient or
		Notary Public	
Pay 10/09 (Assignment)	Page 3 of 4	My Commission Expires:	

#### PATENT APPLICATION

# **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	
Mathew Hern			
Inventor's Typed Name		Date Application Signed	
State of	)		
	) ss.:		
County of	)		
Before me this day of	, personally appeared	Mathew Hern	who is personally
known or proved to me on the ba assignment to be his/her free act ar	isis of satisfactory evidence to be the		
· ·		Notary Public	
		My Commission Expires:	
Inventor's Signature (Seal)		Date Assignment Signed	
Owen T. Richard			
Inventor's Typed Name		Date Application Signed	
State of	)		
Clare C.	) ss.:		
County of	) 33		
-	, personally appeared	Owen T. Richard	who is personally
	sis of satisfactory evidence to be the		
		Notary Public My Commission Expires	
Inventor's Signature (Seal)		Date Assignment Signed	
Inventor's Typed Name		Date Application Signed	
State of	)		
County of	) ss.: )		
Before me thisday of	, personally appeared	· · · · · · · · · · · · · · · · · · ·	who is personally
known or proved to me on the ba assignment to be his/her free act ar	isis of satisfactory evidence to be the deed.	ne person who acknowledged the	foregoing instrument of
		Notary Public	
Rev 10/08 (Assignment)	Page 4 of 4	My Commission Expires:	

PATENT APPLICATION

ATTORNEY DOCKET NO. \_\_\_\_ 200900519-1

### **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, ıt, s

subsidiaries and affiliates, and title and interest, including the entitled:	do hereby assign and tran right of priority, in, to and a	obligations to the Hewlett-Packard Company and insfer to HPDC, its successors and assigns, the entire right under an application for Letters Patent of the United State
<u> </u>	OMPUTER WORKSTATIO	<u>N</u>
Filing Date: August 12	, 2009	Application No.: 29/341,796
P's), divisionals, and renewals Patent of the United States ar reissues, or reexaminations, or I/we additionally author held and enjoyed by HPDC, its terms for which said Letters Pasame would have been held an AND I/we hereby cove we have not executed and will that I/we will, each time a requencessary or desirable to perfer Patent, to HPDC, its successor HPDC, or to its nominee, all ke Letters Patent, to testify in any continuations, C-I-P's, reissue additions, and the expense paid by HPDC;  AND I/we hereby author and any official of any countrice, and any official of any coun	of and substitutes for said of countries foreign the extensions of said Letters orize HPDC to file application successors, assigns, nometent respectively may be addenjoyed by me/us had the enant that I/we have full rignot execute any agreements is made, and without unsect the title to said inventions, assigns, nominees or nown facts respecting said legal proceedings, to sign and foreign applications, to HPDC, its successors, as nefit, proper patent protects which may be incurred orize and request the Comy or countries foreign to sue to HPDC, as assigned a result of the application and direct the attorneys of a attorney docket number	and any and all continuations, continuations-in-part (Continuation for said Letters Patent, and any and all Letter reto which may be granted thereon or therefore; and any Patent.  In any country, to be incess or legal representatives, to the full end of the terming granted, reissued or extended, as fully and entirely as the is assignment, and transfer not been made; that to convey the entire interest herein assigned, and that in conflict herewith, and I/we further covenant and agreed delay, execute and deliver all such papers as may be consolid to inconflict herewith, and I/we agree to communicate the invention(s) or improvement(s), said application and said Letter legal representatives, and I/we agree to communicate the invention(s) or improvement(s), said application and said lawful papers, to execute all disclaimers and divisionality or make all rightful oaths and declarations, and generally the signs, nominees and legal representatives to obtain an attorn for said invention(s) or improvement(s) in any and a by me/us in lending such cooperation and assistance are missioner of Patents and Trademarks of the United States whose duty it is to issue patents of the United States whose duty it is to issue patents of the entire right, title and interest, any and all Letter parts and all Letters Patent of the United States which may afforesaid, in accordance with the terms of this assignment of record to insert the serial number and filing date of said and title set forth above as soon as the same shall have distracted the original force.
	, and heroante out myrour n	
Inventor's Signature (Seal)		Date Assignment Signed
David Quijano		
Inventor's Typed Name		Date Application Signed
State of	) ) ss.:	
County of	)	
Before me thisday of	, personally appeared	David Quijano who is personal
known or proved to me on the basassignment to be his/her free act an		be the person who acknowledged the foregoing instrument of
		Notary Public
Day 40000 (Application)	Page 1	My Commission Expires: of 4
Rev 10/08 (Assignment)	. ~9~ .	

Rev 10/08 (Assignment)

## PATENT APPLICATION

ATTORNEY DOCKET NO. \_\_\_\_\_\_200900519-1

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

IN WITHESE WHEREOF	, I/we hereunto set ray/our hand(s	and seal(s):	
	() M/a /	08/03/2009	
inventor's Signature (Seal)		Date Assignment Signed	
Randall W. Martin		08/03/2009	
Inventor's Typed Name		Date Application Signed	
State of Texas	) ) ss.:		
County of Harris	)		
Before me this day of	, personally appeared	Randall W. Martin	who is personally
known or proved to me on the ba assignment to be his/her free act ar	sis of satisfactory evidence to be the	ne person who acknowledged the	foregoing instrument or
		Notary Public My Commission Expires	:
Inventor's Signature (Seal)		Date Assignment Signed	province de l'est de l'est de la company de l'est de l'e
Tom J. Searby			
nventor's Typed Name		Date Application Signed	
State of	)		
	) ss.:		
County of	)		
Before me thisday of	, personally appeared	Tom J. Searby	who is personally
known or proved to me on the ba assignment to be his/her free act ar	sis of satisfactory evidence to be the deed.	ne person who acknowledged the	foregoing instrument of
		Notary Public	
		My Commission Expires	
nventor's Signature (Seal)		Date Assignment Signed	
John L. Guenther			
nventor's Typed Name		Date Application Signed	
State of	)		
	) ss.:		
County of	)		
Before me thisday of	, personally appeared	John L. Guenther	who is personally
known or proved to me on the ba assignment to be his/her free act ar	sis of satisfactory evidence to be the detailed deed.	ne person who acknowledged the	foregoing instrument of
		Notary Public	
	Page 2 of 4	My Commission Expires:	
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### PATENT APPLICATION

ATTORNEY DOCKET NO. \_\_\_\_\_200900519-1

# **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	
Peter J. Wyatt			
Inventor's Typed Name		Date Application Signed	
State of	)		
	) ss.:		
County of	)		
Before me this day of	, personally appeared	Peter J. Wyatt	who is personally
		he person who acknowledged the f	oregoing instrument o
assignment to be his/her free act an	a deed.		
		Notary Public My Commission Expires:	
Inventor's Signature (Seal)		Date Assignment Signed	
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Holger Hampf Inventor's Typed Name		Date Application Signed	***************************************
mventors ryped Name		Date Application digner	
State of	1		
Oldio Or	) ss.:		
County of	)		
Before me this day of	, personally appeared	Holger Hampf	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		
		Notary Public My Commission Expires:	
Inventor's Signature (Seal)		Date Assignment Signed	
Seth Frankel			
Inventor's Typed Name		Date Application Signed	
State of	,		
State of	) ) ss.:		
County of	)		
Before me this day of	, personally appeared	Seth Frankel	who is personally
known or proved to me on the basi assignment to be his/her free act and	s of satisfactory evidence to be the		<del></del>
		Notary Public	
	Page 3 of 4	My Commission Expires:	
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#### PATENT APPLICATION

ATTORNEY DOCKET NO. \_\_\_\_\_200900519-1

# **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	
Mathew Hern			
Inventor's Typed Name		Date Application Signed	
State of	) ) ss.:		
County of	)		
Before me thisday of	, personally appeared	Mathew Hern	who is personally
known or proved to me on the bassignment to be his/her free act a	asis of satisfactory evidence to be the find deed.	ne person who acknowledged the f	oregoing instrument of
·		Notary Public My Commission Expires:	
Inventor's Signature (Seal)		Date Assignment Signed	
Owen T. Richard			
Inventor's Typed Name		Date Application Signed	
State of	<b>)</b>		
State of	) ss.:		
County of	)		
Before me this day of	, personally appeared	Owen T. Richard	who is personally
known or proved to me on the ba assignment to be his/her free act at	sis of satisfactory evidence to be the deed.	ne person who acknowledged the fo	oregoing instrument of
3		Notary Public	
		My Commission Expires:	
Inventor's Signature (Seal)		Date Assignment Signed	
Inventor's Typed Name		Date Application Signed	
State of	,		
State of	) ) ss.:		
County of	)		
Before me this day of	, personally appeared		who is personally
	sis of satisfactory evidence to be th	e person who acknowledged the fo	pregoing instrument of
		Notary Public	
Rev 10/08 (Assignment)	Page 4 of 4	My Commission Expires:	
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PATENT APPLICATION

ATTORNEY DOCKET NO. \_\_\_\_\_200900519-1

## **ASSIGNMENT OF PATENT APPLICATION**

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

DEVELOPMENT COMPANY, L.F	., a Texas Limited Part	nership having its principal place of business i	n Houston,
subsidiaries and affiliates, and do	hereby assign and tran	obligations to the Hewlett-Packard Compar sfer to HPDC, its successors and assigns, the funder an application for Letters Patent of the Un	entire right,
	PUTER WORKSTATIO	N	
Filing Date: August 12,		Application No.: 29/341,796	
P's), divisionals, and renewals of Patent of the United States and reissues, or reexaminations, or ex	and substitutes for said of countries foreign ther tensions of said Letters l		all Letters e; and any
held and enjoyed by HPDC, its su	ccessors, assigns, nomi	ons in my/our name for Letters Patent in any cou inees or legal representatives, to the full end of t granted, reissued or extended, as fully and enti	he term or
		s assignment, and transfer not been made;	ciy as the
AND I/we hereby covena 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 legal continuations, C-I-P's, reissue and do everything possible to aid HPI enforce, for its or their own benefic countries provided the expenses we paid by HPDC;  AND I/we hereby authorize and any official of any country of applications as aforesaid, to issue Patent for said invention(s) or implied issued and granted on or as a real I/we further authorize and	nt that I/we have full rigit execute any agreement is made, and without unthe title to said invention assigns, nominees or light foreign applications, to DC, its successors, assigned to the proper patent protectively in the countries foreign to the to HPDC, as assigned to the protection of the prote	ht to convey the entire interest herein assigned, it in conflict herewith, and I/we further covenant due delay, execute and deliver all such papers in(s) or improvement(s), said application and salegal representatives, and I/we agree to comminvention(s) or improvement(s), said application invention(s) or improvement(s), said application make all rightful oaths and declarations, and graphs, nominees and legal representatives to come for said invention(s) or improvement(s) in a draw in lending such cooperation and assistant missioner of Patents and Trademarks of the United States whose duty it is to issue per of the entire right, title and interest, any and any and all Letters Patent of the United States vertically in accordance with the terms of this as a record to insert the serial number and filing data.	and agree as may be aid Letters unicate to and said livisionals, enerally to obtain and any and all stance are ted States atents on all Letters which may signment, ate of said
been made known to them by the L		and title set forth above as soon as the same s	maii nave
IN WITNESS WHEREOF, I/w			
Inventor's Signature (Seal)		Date Assignment Signed	
(2.5)			
David Quijano			
Inventor's Typed Name		Date Application Signed	
State of	) ) ss.:		
County of	)		
Before me this day of	_, personally appeared	David Quijano who is	personally
known or proved to me on the basis of	f satisfactory evidence to	be the person who acknowledged the foregoing ins	trument of

Notary Public

My Commission Expires:

Page 1 of 4

assignment to be his/her free act and deed.

PATENT APPLICATION

# **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
Randall W. Martin		
Inventor's Typed Name		Date Application Signed
State of	)	
County of	) ss.: )	
Before me this day of	, personally appeared	Randall W. Martin who is personally
known or proved to me on the bas	is of satisfactory evidence to be	the person who acknowledged the foregoing instrument of
assignment to be his/her free act and	I deed.	W
		Notary Public My Commission Expires:
_ /		
TAA		چو پر پر ماری
Inventor & Signature (Seal)		OUAUE Of Date Assignment Signed
Inventor's Signature (Seat)		Date Assignment Signed
Tom J. Searby		04 ALK-09
Inventor's Typed Name		Date Application Signed
••		
State of	)	
	) ss.:	
County of	)	
Before me this day of	, personally appeared	Tom J. Searby who is personally he person who acknowledged the foregoing instrument of
known or proved to me on the basi assignment to be his/her free act and		he person who acknowledged the foregoing instrument of
		Notary Public
		My Commission Expires:
Inventor's Signature (Seal)		Date Assignment Signed
John L. Guenther		
Inventor's Typed Name		Date Application Signed
State of	<b>)</b>	
	) ss.:	
County of	)	
Before me thisday of	, personally appeared	John L. Guenther who is personally
	s of satisfactory evidence to be ti	ne person who acknowledged the foregoing instrument of
		Notary Public
Day 1069 (Assignment)	Page 2 of 4	My Commission Expires:
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### PATENT APPLICATION

ATTORNEY DOCKET NO. 200900519-1

# **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		
Peter J. Wyatt				
Inventor's Typed Name		Date Application Signed	***************************************	
State of	)			
	) ss.:			
County of	ý			
Before me thisday of	, personally appeared	Peter J. Wyatt	who is personally	
	asis of satisfactory evidence to be	the person who acknowledged the	foregoing instrument of	
assignment to be his/her free act a	ina deed.		<del></del>	
		Notary Public  My Commission Expires:		
Inventor's Signature (Seal)		Date Assignment Signed		
Holger Hampf				
Inventor's Typed Name		Date Application Signed		
State of	1			
State of	) ss.;			
County of	) 33			
Before me this day of	, personally appeared	Holger Hampf	who is personally	
known or proved to me on the ba	sis of satisfactory evidence to be t			
assignment to be marrier nee act at	ia deed.	Notary Public	·	
		My Commission Expires:		
nventor's Signature (Seal)		Date Assignment Signed		
Seth Frankel				
nventor's Typed Name		Date Application Signed		
State of	)			
	) ss.:			
County of	)			
Before me this day of	, personally appeared	Seth Frankel	who is personally	
known or proved to me on the basissignment to be his/her free act an	sis of satisfactory evidence to be the	e person who acknowledged the f	oregoing instrument of	
		Notary Public		
	Dogo 2 of 4	My Commission Expires:		
Rev 10/08 (Assignment)	Page 3 of 4	_	A TENIT	

## PATENT APPLICATION

ATTORNEY DOCKET NO. \_\_\_\_\_\_200900519-1\_\_\_\_

# **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	
Mathew Hern			
Inventor's Typed Name		Date Application Signed	
State of	)		
	) ss.:		
County of	)		
Before me this_ day of	, personally appeared	Mathew Hern who	is personally
known or proved to me on the ba assignment to be his/her free act an		he person who acknowledged the foregoing i	nstrument o
		Notary Public	
		My Commission Expires:	
Inventor's Signature (Seal)	AND	Date Assignment Signed	
Owen T. Richard			
Inventor's Typed Name		Date Application Signed	
State of	)		
	) ss.:		
County of	)		
Before me thisday of			is personally
known or proved to me on the bas assignment to be his/her free act and		e person who acknowledged the foregoing in	istrument of
		Notary Public	
		My Commission Expires:	
nventor's Signature (Seal)		Date Assignment Signed	
nventor's Typed Name		Date Application Signed	<del></del>
State of	)		
County of	) ss.:		
sefore me this day of	, personally appeared	who i	s personally
	s of satisfactory evidence to be th	e person who acknowledged the foregoing in	
		Notary Public	
201 18/99 (Accimpost)	Page 4 of 4	My Commission Expires:	
ev 10/08 (Assignment)	<u>~</u>	DATEN	_

**PATENT** 

**REEL: 023979 FRAME: 0736** 

Rev 10/08 (Assignment)

PATENT APPLICATION

ATTORNEY DOCKET NO. \_\_\_ 200900519-1

#### **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), subsidiaries and affiliates, and	in furtherance of my/out do hereby assign and tran	obligations to the Hewlett-Packa isfer to HPDC, its successors and as under an application for Letters Pater	rd Company and its ssigns, the entire right,
C	OMPUTER WORKSTATIC	N	
Filing Date: August 12		Application No.: 29/341,7	
P's), divisionals, and renewals Patent of the United States ar reissues, or reexaminations, or I/we additionally author held and enjoyed by HPDC, its terms for which said Letters P same would have been held ar AND I/we hereby cov we have not executed and will that I/we will, each time a requinecessary or desirable to perf Patent, to HPDC, its successor HPDC, or to its nominee, all k Letters Patent, to testify in any continuations, C-I-P's, reissue do everything possible to aid enforce, for its or their own be countries provided the expens paid by HPDC; AND I/we hereby author and any official of any count applications as aforesaid, to is	of and substitutes for said and of countries foreign the extensions of said Letters prize HPDC to file application successors, assigns, now atent respectively may be and enjoyed by me/us had the enant that I/we have full rignot execute any agreement is made, and without under the title to said inventions, assigns, nominees or nown facts respecting said legal proceedings, to sign and foreign applications, the HPDC, its successors, as the enefit, proper patent protects which may be incurred the contributed and request the Contry or countries foreign to saue to HPDC, as assigned.	n, and any and all continuations, con application for said Letters Patent, a reto which may be granted thereon	and any and all Letters or therefore; and any at in any country, to be full end of the term or ally and entirely as the made; an assigned, and that I/er covenant and agree uch papers as may be ation and said Letters are to communicate to diapplication and said aimers and divisionals, tions, and generally to a tatives to obtain and ment(s) in any and all on and assistance are as of the United States as to issue patents on st, any and all Letters
I/we further authorize	and direct the attorneys	aforesaid, in accordance with the terr of record to insert the serial number r and title set forth above as soon as	and filing date of said
been made known to them by t			
IN WITNESS WHEREO	F, I/we hereunto set my/our	hand(s) and seal(s):	
Inventoria Cianatura (Cast)		Date Assignment Signed	
Inventor's Signature (Seal)		Date Assignment Signed	
David Quijano			<del></del>
Inventor's Typed Name		Date Application Signed	
State of	)		
	) ss.:		
County of	)		
Before me thisday of	, personally appeared	David Quijano	who is personally
known or proved to me on the bassignment to be his/her free act a	•	to be the person who acknowledged the	foregoing instrument of
assignment to be marrier nee act a	nie docu.	Notary Public	

**PATENT REEL: 023979 FRAME: 0737** 

My Commission Expires:

#### PATENT APPLICATION

ATTORNEY DOCKET NO. \_\_\_\_\_200900519-1

## **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	
Randall W. Martin			
Inventor's Typed Name	A- A	Date Application Signed	
State of	)		
	) ss.:		
County of	)		
Before me this day of	, personally appeared	Randall W. Martin	who is personally
		he person who acknowledged the for	regoing instrument of
assignment to be his/her free act ar	ia deed.		
		Notary Public  My Commission Expires:	
Inventor's Signature (Seal)		Date Assignment Signed	
mventor o organizario (obdir)		Bate / tesignment signed	
Tom J. Searby			
Inventor's Typed Name		Date Application Signed	
State of	1		
	) ss.:		
County of	)		
Before me this day of	, personally appeared	Tom J. Searby	who is personally
known or proved to me on the ba assignment to be his/her free act ar		he person who acknowledged the for	egoing instrument of
See See Marie 100 and		Notary Public	
		My Commission Expires:	
l.	. 1 9	7 20 0	a
W	15-11	1-30-0	7
Inventor's Signature (Seal)	$\forall$ $V$	Date Assignment Signed	
John L. Guenther			
Inventor's Typed Name		Date Application Signed	
State of	ì		
	) ss.:		
County of	)		
Before me thisday of	, personally appeared	John L. Guenther	who is personally
known or proved to me on the ba assignment to be his/her free act ar		he person who acknowledged the for	egoing instrument of
		Notary Public	
	Page 2 of 4	My Commission Expires:	
Rev 10/08 (Assignment)	raye 2 01 4		

#### PATENT APPLICATION

ATTORNEY DOCKET NO. \_\_\_\_\_\_ 200900519-1

# **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	
Peter J. Wyatt			
Inventor's Typed Name		Date Application Signed	
State of	) ) ss.:		
County of	)		
Before me thisday of	, personally appeared	Peter J. Wyatt	who is personally
known or proved to me on the ba assignment to be his/her free act ar		he person who acknowledged the t	foregoing instrument of
3		Notary Public	
		My Commission Expires:	
Inventor's Signature (Seal)		Date Assignment Signed	
Holger Hampf			
Inventor's Typed Name		Date Application Signed	
State of	) .		
	) ss.:		
County of	)		
Before me thisday of	, personally appeared	Holger Hampf	who is personally
known or proved to me on the ba assignment to be his/her free act ar	sis of satisfactory evidence to be t	he person who acknowledged the f	oregoing instrument of
		Notary Public	
		My Commission Expires:	
Inventor's Signature (Seal)	- Carrier Carr	Date Assignment Signed	
		· ·	
Seth Frankel		Data Analization Claused	
Inventor's Typed Name		Date Application Signed	
State of	)		
	) ss.:		
County of	)		
Before me thisday of	, personally appeared	Seth Frankel	who is personally
known or proved to me on the ba assignment to be his/her free act ar	-	he person who acknowledged the f	oregoing instrument of
		Notary Public	
Rev 10/08 (Assignment)	Page 3 of 4	My Commission Expires:	

## PATENT APPLICATION

ATTORNEY DOCKET NO. 200900519-1

# **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
Mathew Hern		
Inventor's Typed Name		Date Application Signed
State of	)	
County of	) ss.: )	
Before me thisday of known or proved to me on the lassignment to be his/her free act		Mathew Hern who is personally he person who acknowledged the foregoing instrument of
		Notary Piblic My Commission Expires:
Investoria Circulatura (Caral)		Data Assistant Cimed
Inventor's Signature (Seal)		Date Assignment Signed
Owen T. Richard		
Inventor's Typed Name		Date Application Signed
State of	1	
State of	) ) ss	
County of	)	
Before me this day of	, personally appeared	Owen T. Richard who is personally
known or proved to me on the lassignment to be his/her free act	pasis of satisfactory evidence to be the	he person who acknowledged the foregoing instrument of
		Notary Public My Commission Expires:
Inventor's Signature (Seal)		Date Assignment Signed
Inventor's Typed Name		Date Application Signed
State of	) ) ss.:	
County of	, ss )	
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 satisfactory evidence to be the	ne person who acknowledged the foregoing instrument of
		Notary Public
Rev 10/08 (Assignment)	Page 4 of 4	My Commission Expires:

Rev 10/08 (Assignment)

PATENT APPLICATION

ATTORNEY DOCKET NO. \_\_\_\_\_200900519-1

## **ASSIGNMENT OF PATENT APPLICATION**

I/We, the undersigned (each) have agreed and hereby agree to assign to HEWLETT-PACKARD ts ηt, S

DEVELOPMENT COMPANY, Texas, (hereinafter HPDC), subsidiaries and affiliates, and title and interest, including the entitled:	in furtherance o I do hereby assign	f my/our obligations and transfer to HPDC	to the l	Hewlett-Packard essors and ass	Company and it igns, the entire right
	OMPUTER WORK	KSTATION			
Filing Date: August 12	, 2009	Applicatio	on No.:	29/341,79	6
held and enjoyed by HPDC, its terms for which said Letters F same would have been held a AND I/we hereby cover we have not executed and will that I/we will, each time a requirecessary or desirable to per Patent, to HPDC, its success HPDC, or to its nominee, all k Letters Patent, to testify in any continuations, C-I-P's, reissue do everything possible to aid enforce, for its or their own be countries provided the expensional by HPDC;  AND I/we hereby autiliard any official of any count applications as aforesaid, to its Patent for said invention(s) or be issued and granted on or as I/we further authorize application now identified by the same part of them by the same provided in the patent for said invention(s) or be income.	s of and substitutes and of countries for extensions of sair orize HPDC to file a successors, assignatent respectively and enjoyed by me/or enant that I/we had not execute any a fect the title to sair ors, assigns, nomenown facts respectively and foreign application of the enance of the end of th	s for said application for reign thereto which may be the properties of legal may be granted, reiss us had this assignment ve full right to convey the greement in conflict he without undue delay, exit in the conflict had been assigned invention of the protection for said in the Commissioner of the commiss	or said Le ay be gra  name for represer sued or e t, and tran the entire erewith, a execute ar ovement(s entatives, or improvers, to exe ending so ending so Patents a states wh e right, tiretters Pat execute ar ovention( ending so patents a states wh e right, tiretters Pat execute ar ovention( ending so o	etters Patent, and anted thereon of a Letters Patent Intatives, to the fuxtended, as fully insfer not been me interest herein and I/we further and deliver all success, said applicate and I/we agreevement(s), said ecute all disclains and declaration legal representates) or improvement of the cooperation and Trademarks hose duty it is to the and interest, tent of the United with the terms serial number ar	d any and all Letter r therefore; and an in any country, to be all end of the term of and entirely as the nade; assigned, and that it covenant and agree to communicate to application and said Letters and divisionals and, and generally to attives to obtain and ent(s) in any and all and assistance are of the United States to issue patents or any and all Letters of States which may and filing date of said
Inventoria Signatura (Soal)	· · · · · · · · · · · · · · · · · · ·		Date Assis	gnment Signed	····
Inventor's Signature (Seal)		,	Date Assit	Juneur Signed	
David Quijano			Date Appli	ication Signed	
Inventor's Typed Name		•	Date Appli	cation digned	
State of	) ) ss	s.;			
County of	)				
Before me thisday of	, personally a		David Qu	<del></del>	who is personall
known or proved to me on the ba assignment to be his/her free act a		vidence to be the perso	Not	knowledged the to	oregoing instrument o

Page 1 of 4

### **PATENT APPLICATION**

ATTORNEY DOCKET NO. 200900519-1

# **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
Randall W. Martin		
Inventor's Typed Name		Date Application Signed
State of	)	
	) ss.:	
County of	)	
known or proved to me on the basis assignment to be his/her free act and of		Randall W. Martin who is persona he person who acknowledged the foregoing instrument
		Notary Public
		My Commission Expires:
Inventor's Signature (Seal)		Date Assignment Signed
Tom J. Searby		
Inventor's Typed Name		Date Application Signed
State of	) }	
County of	) ss.: \	
•	)	Tana I Casalan unite in personal
known or proved to me on the basis assignment to be his/her free act and c		Tom J. Searby who is personal reperson who acknowledged the foregoing instrument of
		Notary Public
		My Commission Expires:
Inventor's Signature (Seal)		Date Assignment Signed
John L. Guenther		
inventor's Typed Name		Date Application Signed
State of	)	
County of	) ss.: )	
Before me this day of	, personally appeared	John L. Guenther who is personal
	of satisfactory evidence to be the	e person who acknowledged the foregoing instrument of
		Notary Public
Rev 10/08 (Assignment)	Page 2 of 4	My Commission Expires.

#### PATENT APPLICATION

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

IN WITNESS WHEREOF	, I/we hereunto set my/our-hand(s	Tand seal(s):	19
Inventoria Signatura (Sagi)	ijim ili.	Date Assignment Signed	
Inventor's Signature (Seal)		Date Assignment Signed	Zi.
Peter J. Wyatt			7
Inventor's Typed Name		Date/Application Signed	
State of	)		
	) ss.:		
County of	)		
Before me this day of	, personally appeared	Peter J. Wyatt	who is personally
	sis of satisfactory evidence to be t		
		Notary Public	
		My Commission Expires	:
Inventor's Signature (Seal)	· · · · · · · · · · · · · · · · · · ·	Date Assignment Signed	
,		0 0	
Holger Hampf			
Inventor's Typed Name		Date Application Signed	
State of	)		
	) ss.:		
County of	)		
Before me thisday of	, personally appeared	Holger Hampf	who is personally
known or proved to me on the ba assignment to be his/her free act ar	sis of satisfactory evidence to be to deed.	he person who acknowledged the	foregoing instrument of
		Notary Public	
		My Commission Expires	
Inventor's Signature (Seal)		Date Assignment Signed	
Seth Frankel			
Inventor's Typed Name		Date Application Signed	
State of	)		
	) ss.:		
County of	)		
Before me this day of	, personally appeared	Seth Frankel	who is personally
<del></del> ′ <del></del>	sis of satisfactory evidence to be t	······································	
		Notary Public	
Rev 10/08 (Assignment)	Page 3 of 4	My Commission Expires:	
reas 10,00 (nooignitions)	•		

### PATENT APPLICATION

ATTORNEY DOCKET NO. 200900519-1

# **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	
Mathew Hern			
Inventor's Typed Name		Date Application Signed	
State of	) ) ss.:		
County of	)		
Before me thisday of known or proved to me on the baassignment to be his/her free act a		Mathew Hern ne person who acknowledged the foreg	_who is personall oing instrument o
		Notary Public My Commission Expires:	
Inventor's Signature (Seal)		Date Assignment Signed	
Owen T. Richard Inventor's Typed Name		Date Application Signed	
State of	) ) ss.:		
County of	)		
Before me this day of known or proved to me on the bat assignment to be his/her free act as		Owen T. Richard ne person who acknowledged the foreg	_who is personally oing instrument o
•		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		who is personally
known or proved to me on the ba assignment to be his/her free act ar		e person who acknowledged the forego	oing instrument of
		Notary Public	
Rev 10/08 (Assignment)	Page 4 of 4	My Commission Expires:	

Rev 10/08 (Assignment)

#### PATENT APPLICATION

ATTORNEY DOCKET NO. \_\_\_\_\_200900519-1

#### **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,

		nd under an application for Letters Paten	
	OMPUTER WORKSTA	TION	
P's), divisionals, and renewals Patent of the United States a reissues, or reexaminations, or	overnent(s) set forth the of and substitutes for s nd of countries foreign rextensions of said Lette		inuations-in-part (C-I- nd any and all Letters or therefore; and any
held and enjoyed by HPDC, its terms for which said Letters P same would have been held ar AND I/we hereby cov we have not executed and will that I/we will, each time a requincessary or desirable to perf Patent, to HPDC, its successed HPDC, or to its nominee, all k Letters Patent, to testify in any continuations, C-I-P's, reissue do everything possible to aid enforce, for its or their own be countries provided the expensipal by HPDC;  AND I/we hereby authorized and any official of any count applications as aforesaid, to is Patent for said invention(s) or be issued and granted on or as I/we further authorized application now identified by the been made known to them by the same and same and same and same application of them by the same and sa	s successors, assigns, natent respectively may lead enjoyed by me/us had enant that I/we have full not execute any agreer est is made, and without fect the title to said inverse, assigns, nominees nown facts respecting salegal proceedings, to signand foreign applications. HPDC, its successors, enefit, proper patent profess which may be incurred and request the Cry or countries foreign saue to HPDC, as assignimprovement(s), including a result of the application and direct the attorney the attorney docket numbers.		full end of the term or ly and entirely as the made; assigned, and that lar covenant and agree the papers as may be tion and said Letters e to communicate to application and said mers and divisionals, ons, and generally to tatives to obtain and nent(s) in any and all n and assistance are sof the United States to issue patents on t, any and all Letters ed States which may is of this assignment.
Inventor's Signature (Seal)		Date Assignment Signed	
David Quijano	······································		<u>-</u>
Inventor's Typed Name		Date Application Signed	
State of	) ) ss.:		
County of	)		
	, personally appeare asis of satisfactory evidence	d David Quijano e to be the person who acknowledged the	who is personally foregoing instrument of
assignment to be his/her free act a	nd deed.	Notary Public	

Page 1 of 4

### PATENT APPLICATION

ATTORNEY DOCKET NO. 200900519-1

## **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	
Randall W. Martin			
Inventor's Typed Name		Date Application Signed	
State of	) ) ss.:		
County of	)		
Before me thisday of	, personally appeared	Randall W. Martin	who is personally
known or proved to me on the bassignment to be his/her free act a	asis of satisfactory evidence to be t	he person who acknowledged the	foregoing instrument of
assignment to be marrier nee act a	and deed.	Notary Public	
		My Commission Expires.	
Inventor's Signature (Seal)		Date Assignment Signed	<del></del> -
Tom J. Searby			
Inventor's Typed Name		Date Application Signed	
State of	)		
	) ss.:		
County of	)		
	, personally appeared asis of satisfactory evidence to be to	Tom J. Searby ne person who acknowledged the	who is personally foregoing instrument of
assignment to be his/her free act a	ina deed.		
		Notary Public My Commission Expires:	
Inventor's Signature (Seal)		Date Assignment Signed	- There is a second of the sec
John L. Guenther			
Inventor's Typed Name		Date Application Signed	
State of	)		
	) ss.:		
County of	)		
Before me this day of	, personally appeared	John L. Guenther	who is personally
known or proved to me on the bassignment to be his/her free act a	asis of satisfactory evidence to be the indicate of satisfactory evidence.	ne person who acknowledged the	foregoing instrument of
		Notary Public	
Pay 10/08 (Assignment)	Page 2 of 4	My Commission Expires:	
Rev 10/08 (Assignment)	~		

#### PATENT APPLICATION

ATTORNEY DOCKET NO. \_\_\_\_\_200900519-1

## **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	
Peter J. Wyatt			
Inventor's Typed Name		Date Application Signed	
State of	) ) ss.:		
County of	)		
	, personally appeared	Peter J. Wyatt	who is personally
known or proved to me on the ba assignment to be his/her free act a	asis of satisfactory evidence to be the nd deed.	ne person who acknowledged the	e foregoing instrument o
	*	Notary Public My Commission Expire	S:
	**************************************		
A officer		07-31-2	009
Inventor's Signature (Seal)		Date Assignment Signed	· · ·
Holger Hampf		O 7 - 3 1 - 22 Date Application Signed	009
Inventor's Typed Name		Date Application Signed	***************************************
State of Control of Ventor	) ) ss.:		
Before me this % day of A 4	) personally appeared	Halgar Hamaf	who is personally
	asis of satisfactory evidence to be the	Holger Hampf ne person who acknowledged the	who is personally foregoing instrument of
assignment to be his/her free act a		Dew/ My	
	DEVON MATTHEW GAIL COMM. \$1751031 Notary Public - Californ Ventura - Carety	<u></u>	s (348, 13°, 20°)
LITEN!	Wentura County My Comm. Expires Jun. 15 2	<u>vī</u> 07/3//09	
Inventor's Signature (Seal)		Date Assignment Signed	
Seth Frankel		<u>07/31/09</u>	
Inventor's Typed Name		Date Application Signed	
State of Confidence of Confide	)		
County of APANA	) ss.: )		
Before me this day of		Seth Frankel	who is personally
known or proved to me on the ba assignment to be his/her free act an	isis of satisfactory evidence to be the nd deed.	ne person who acknowledged the	foregoing instrument of
Deu 10/02 (Assignment)	Page 3 of 4		s Jaa 15, 204
Rev 10/08 (Assignment)	<b>9</b>		;

#### PATENT APPLICATION

ATTORNEY DOCKET NO. 200900519-1

## ASSIGNMENT OF PATENT APPLICATION (cont.)

Date Application Signed    Date Application Signed   Date Application Signed	- Dormer on H		11. 21 00
Tathew Hern	In a shade Singabara (See 1)	manufacture of the second	Data Assistant Second
Date Application Signed  State of California Country of Van	inventor's Signature (Sear)		
before me this	Mathew Hern		10431,09
Sounty of Ventra   Signature (Seal)   Signature (Seal)   Date Assignment Signed   Date Application Signature (Seal)   Signature (Seal)   Date Application Signature (Seal)   Date Application Signature (Seal)   Signature (Seal)   Date Application S	Inventor's Typed Name		Date Application Signed
DEVON MATTHER ASSIGNMENT to be his/her free act and deed  DEVON MATTHER ASSIGNMENT THE ASSIGNMEN	State of College (Assa) a	)	
nown or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrume (seal)  DEVON MATTHE 6 as COMM \$1.751038	County of Venture	) ss.: )	
nown or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrume (seal)  DEVON MATTHE 6 as COMM \$1.751038	Before me this 🚶 day of 💛	, personally appeared	Mathew Hern who is persona
Inventor's Signature (Seal)  Inventor's Signature (Seal)  Inventor's Typed Name  Date Assignment Signed  Date Application Signed  Who is personally appeared  Owen T. Richard  who is personally appeared to be the person who acknowledged the foregoing instrume ssignment to be his/her free act and deed.  Notary Public  My Commission Expires  Date Application Signed  Date Application Signed  Notary Public	known or proved to me on the bassignment to be his/ber free act	asis of satisfactory evidence to be tand deed.	Dan Mark Lade 1
Date Application Signed    Date Application Signed   Date Application Signed	CO	MM 81751030 AMD	My Commission Expires: 👸 🐼 🔠 🐊 🔝
Date Application Signed    State of	Inventor's Signature (Seal)		Date Assignment Signed
Date Application Signed    State of	Owen T. Richard		
) ss.: County of  Defore me thisday of, personally appeared Owen T. Richard who is personally appeared to be the person who acknowledged the foregoing instruments in the person who acknowledged the for	Inventor's Typed Name		Date Application Signed
) ss.: County of  Defore me thisday of, personally appeared Owen T. Richard who is personally appeared to be the person who acknowledged the foregoing instruments in the person who acknowledged the for			
Date Assignment Signed  Date Application Signed	State of	)	
personally appeared	0	) ss.:	
nown or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrume ssignment to be his/her free act and deed.    Notary Public   My Commission Expires	•	)	
My Commission Expires:  Inventor's Signature (Seal)  Date Assignment Signed  Inventor's Typed Name  Date Application Signed  Interest of Seal Seal Seal Seal Seal Seal Seal Seal	known or proved to me on the b	asis of satisfactory evidence to be t	
Date Assignment Signed  Date Application Signed			Notary Public
inventor's Typed Name  Date Application Signed  Date of Date Application Signed  Date of Date			My Commission Expires:
inventor's Typed Name  Date Application Signed  Date of Date Application Signed  Date of Date			
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My Commission Expires:			he person who acknowledged the foregoing instrument
My Commission Expires:			Notary Public
ev 10/08 (Assignment) Page 4 of 4			·

PATENT APPLICATION

ATTORNEY DOCKET NO. \_\_\_\_\_\_200900519-1

## **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), ir subsidiaries and affiliates, and d	n furtherance of my/our lo hereby assign and tran	obligations to the Hewlett-Packard Company a sfer to HPDC, its successors and assigns, the entire under an application for Letters Patent of the United	nd its e right
	MPUTER WORKSTATIO	N	
Filing Date: August 12,	2009	20/2/1 706	
3		Application No.: 29/341,796	4 (C )
P's), divisionals, and renewals of Patent of the United States and reissues, or reexaminations, or elements of I/we additionally author, held and enjoyed by HPDC, its sterms for which said Letters Pates ame would have been held and AND I/we hereby cover 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 knot Letters Patent, to testify in any lecontinuations, C-I-P's, reissue and deverything possible to aid Henforce, for its or their own benecountries provided the expenses paid by HPDC;  AND I/we hereby authound and any official of any country applications as aforesaid, to issue Patent for said invention(s) or interest and continuation of the country applications.	If and substitutes for said of countries foreign their extensions of said Letters ize HPDC to file application of said Letters ize HPDC to file application of the entrespectively may be enjoyed by me/us had the title to said inventions, assigns, nominees or even facts respecting said end foreign applications, to PDC, its successors, assignt, proper patent protects which may be incurred in entremand the end or countries foreign to use to HPDC, as assigned approvement(s), including a series of the end of the e	and any and all continuations, continuations-in-parapplication for said Letters Patent, and any and all Leto which may be granted thereon or therefore; an Patent.  In the parameters of the full end of the tease or legal representatives, to the full end of the tease or legal representatives, to the full end of the tease or legal representatives, to the full end of the tease or legal representatives, to the full end of the tease or legal representatives, as fully and entirely as assignment, and transfer not been made; that to convey the entire interest herein assigned, and at in conflict herewith, and I/we further covenant and adue delay, execute and deliver all such papers as mon(s) or improvement(s), said application and said Legal representatives, and I/we agree to communic invention(s) or improvement(s), said application and all lawful papers, to execute all disclaimers and division make all rightful oaths and declarations, and generations, nominees and legal representatives to obtain its provided in the legal invention(s) or improvement(s) in any and the legal invention of Patents and Trademarks of the United States whose duty it is to issue patents of the entire right, title and interest, any and all Letters Patent of the United States which are and all Letters Patent of the United States which afteresaid, in accordance with the terms of this assigning.	to be erm or as the large end and any be etters eate to onals, ally to n and alloce are States on etters on etters on etters on may
I/we further authorize a	ind direct the attorneys of	f record to insert the serial number and filing date o and title set forth above as soon as the same shall	of said
been made known to them by the			
IN WITNESS WHEREOF,	I/we hereunto set my/our h	and(s) and seal(s):	
Inventor's Signature (Seal)	erannanaer-rannanan en annerskaderbae - beenadssan	Date Assignment Signed	
David Quijano			
Inventor's Typed Name		Date Application Signed	
State of	)		
	) ss.:		
County of	)		
		David Quijano who is person be the person who acknowledged the foregoing instrum	
200.g.mon to 20 months from and and		Notary Public	
	<b>.</b> .	My Commission Expires:	
Rev 10/08 (Assignment)	Page 1	of 4	

## PATENT APPLICATION

ATTORNEY DOCKET NO. \_\_\_\_\_\_200900519-1

## **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
(,		
Randall W. Martin		
Inventor's Typed Name		Date Application Signed
State of	)	
	) ss.:	
County of	)	
Before me thisday of	, personally appeared	Randall W. Martin who is persona
		he person who acknowledged the foregoing instrument
assignment to be his/her free act a	na aeea.	
		Notary Public  My Commission Expires:
		my dominadan zagired.
Inventor's Signature (Seal)		Date Assignment Signed
Tom J. Searby		Date Application Signed
Inventor's Typed Name		Date Application Signed
State of	Λ.	
State of	) ss.:	
County of	) 33	
Before me this day of	, personally appeared	Tom J. Searby who is persona
	sis of satisfactory evidence to be the	ne person who acknowledged the foregoing instrument
J		Notary Public
		My Commission Expires:
Inventor's Signature (Seal)		Date Assignment Signed
John L. Guenther Inventor's Typed Name		Date Application Signed
inventors ryped Name		Date Application Signed
State of	,	
	) ss.:	
County of	)	
Before me this day of	, personally appeared	John L. Guenther who is persona
•	sis of satisfactory evidence to be the	ne person who acknowledged the foregoing instrument
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Rev 10/08 (Assignment)	Page 2 of 4	······································

### PATENT APPLICATION

ATTORNEY DOCKET NO. 200900519-1

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

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

Inventor's Signature (Seal)	<u> </u>	Date Assignment Signed	
Peter J. Wyatt			
Inventor's Typed Name		Date Application Signed	
State of	)		
	) ss.:		
County of	)		
Before me this day of	, personally appeared	Peter J. Wyatt	who is personall
	asis of satisfactory evidence to be t	he person who acknowledged the fo	regoing instrument of
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Inventor's Signature (Seal)		Date Assignment Signed	
11.1 11 f			
Holger Hampf		Date Application Signed	
Inventor's Typed Name		Date Application Signed	
State of	)		
	) ss.:		
County of	)		
Before me this day of	, personally appeared	Holger Hampf	who is personall
known or proved to me on the baassignment to be his/her free act as		ne person who acknowledged the fo	regoing instrument o
		Notary Public My Commission Expires:	
nventor's Signature (Seal)		Date Assignment Signed	
Seth Frankel			
nventor's Typed Name		Date Application Signed	
State of	)		
3.3.0 01	) ss.:		
County of	)		
Before me this day of	personally appeared	Seth Frankel	who is personally
known or proved to me on the ba assignment to be his/her free act ar	sis of satisfactory evidence to be the	e person who acknowledged the for	
		Notary Public	
	Page 3 of 4	My Commission Expires:	
Rev 10/08 (Assignment)	3		

PATENT APPLICATION

## ASSIGNMENT OF PATENT APPLICATION (cont.)

IN WITNESS WHEREOL, the a benefit set my/our hand(s) and seel(s):

Inventor's Signatura (Seal)	7 AND AND THE PARTY OF THE PART	Date Assignment Signed
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nvantera Typed Name	1957 - American School of the application of the ap	Oate Application Signed
State of	) ) ss.	
County of	)	
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iveen T. Richard		
resented's Typed Name	Similar and an action of the second s	Date Application Signed
tate of Colonado	)	4.
County of Larimer	385	
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assignment to be his/her free est and de		New Yeard Chreek
	NOTARY:	My Comin when Expires
	V PUBLIC &	My Commision Expires 02/28/2013
wentov s Signature (Seat)	W or cour	Date Assignment Signed
ventor's Typed Name		Date Application Signed
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		WARRY PUBLIC

Page 4 of 4

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Rev 10/09 (Assignment)