PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Alexandre Lenart	02/22/2008
Steven Maddocks	02/22/2008
Richard Bickers	02/23/2008

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:	12243340

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: PO Box 272400, 3404 E. Harmony Road
Address Line 2: Intellectual Property Administration
Address Line 4: Fort Collins, COLORADO 80527

NAME OF SUBMITTER: Montse Druguet

Total Attachments: 3

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

PATENT APPLICATION

ATTORNEY DOCKET NO.

200703946-1

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 lassigns, 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: October 1st, 2008 Application No.: 12/243340 and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part (C-I-

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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 tenn 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 majus 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 covenant 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 Tradomarks 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 end 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.

INWITNESS WHEREOF	, liwe hereunto set my/our hand(s)	and seal(s):	
2 at the	-	02/22/2008	
Inventors Signarus (Scal)		Date Assignment Signed	
Alexandre Lenart		Şame	
Inventor's Typed Name		Date Application Signed	<u> </u>
State of California	, · ·)		
) ss.:		
County of Santa Clara)		
Before me this day of	, personally appeared	Alexandre Lenart	who is personally
known or proved to me on the bas assignment to be his/her free act an	sis of satisfactory evidence to be the duet.	no person who acknowledged the	foregoing instrument of
		Notary Public	
Rev 10/07 (Assignment)	Page 1 of 2	My Commission Explise	:

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

ATTORNEY DOCKET NO. 200703946-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

Yeum Mad	l/we hereunto set my/our hand(s)	and seal(s): 	
Invertor's Signature (Seal)		Date Assignment Signed	
Steven Maddocks		Same	
Inventor's Typed Name		Date Application Signed	
State of)) ss.:		
County of)		
Before me this day of	, personally appeared	Steven Maddocks wh	no is personally
	is of satisfactory evidence to be the	e person who acknowledged the foregoing	instrument of
assignment to be marier free act are	a docu.	Notary Public	
		My Commission Expires:	
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Inventor's Signature (Seal)		Date Assignment Signed	
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Richard Bickers		Same	
Inventor's Typed Name		Date Application Signed	
	•		
State of)		
) ss.:		
County of)		
Before me this day of	, personally appeared	Richard Bickers wh	o is personally
known or proved to me on the bas assignment to be his/her free act and		e 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)		
Before me this day of	, personally appeared	wh	o is personally
		ne person who acknowledged the foregoing	instrument of
assignment to be his/her free act an	d deed.		
		Notary Public	***************************************
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PATENT APPLICATION

ATTORNEY DOCKET NO. 200703946-1

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
Steven Maddocks		Same
Inventor's Typed Name	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Date Application Signed
State of	·}	
) ss.:	
County of	ý	
Before me this day of	, personally appeared	Steven Maddocks who is personall
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•		Notary Public
		My Commission Expires:
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Inventor's Signature (Séal)	X.(::::)	23- Feb- 2005 Date Assignment Signed
Richard Bickers		Samo
Inventor's Typed Name		Same Date Application Signed
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State of)	
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County of)	
Before me this day of	, personally appeared	Richard Bickers who is personall
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		Notary Public
		My Commission Expires,
Inventor's Signature (Seal)		Date Assignment Signed
Inventor's Typed Name		Date Application Signed
State of	1	
) ss.:	
County of)	
Before me this day of	, personally appeared	who is personall
known or proved to me on the bassignment to be his/her free act a	asis of satisfactory evidence to be the	e person who acknowledged the foregoing instrument o
		Notary Public
		My Commission Expires:
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RECORDED: 07/21/2009