PATENT ASSIGNMENT

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SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Arif A. Merchant	05/25/2010
Ludmila Cherkasova	05/25/2010

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:	12788013

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 Intellectual Pro

Address Line 1: 3404 E. Harmony Road

Address Line 2: Mail Stop 35

Address Line 4: FORT COLLINS, COLORADO 80528

NAME OF SUBMITTER: Barry D. Blount

Total Attachments: 1

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REEL: 024446 FRAME: 0140

HEWLETT-PACKARD COMPANY Intellectual Property Administrator 3404 E. Harmony Road Mail Stop 35 Fort Collins, Colorado 80528

PATENT APPLICATION

ATTORNEY DOCKET NO.

200904365-1

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

Filing Date:	Application No.:
and the invention(s) and improvement(s) set P's), divisionals, and renewals of and substitu Patent of the United States and of countries reissues, or reexaminations, or extensions of s	forth therein, and any and all continuations, continuations-in-part (C-lites for said application for said Letters Patent, and any and all Letters foreign thereto which may be granted thereon or therefore; and any said Letters Patent.
held and enjoyed by HPDC, its successors, at terms for which said Letters Patent respective same would have been held and enjoyed by n AND I/we hereby covenant that I/we	file applications in my/our name for Letters Patent in any country, to be ssigns, nominees or legal representatives, to the full end of the term of ely may be granted, reissued or extended, as fully and entirely as the ne/us had this assignment, and transfer not been made; have full right to convey the entire interest herein assigned, and that the state of the state
that I/we will, each time a request is made, ar necessary or desirable to perfect the title to Patent, to HPDC, its successors, assigns, nempty, or to its nominee, all known facts restletters Patent, to testify in any legal proceeding continuations, C-I-P's, reissue and foreign ap do everything possible to aid HPDC, its succentorce, for its or their own benefit, proper p	ny agreement in conflict herewith, and I/we further covenant and agree and without undue delay, execute and deliver all such papers as may be said invention(s) or improvement(s), said application and said Letters ominees or legal representatives, and I/we agree to communicate to pecting said invention(s) or improvement(s), said application and said negs, to sign all lawful papers, to execute all disclaimers and divisionals plications, to make all rightful oaths and declarations, and generally to excessors, assigns, nominees and legal representatives to obtain and atent protection for said invention(s) or improvement(s) in any and all be incurred by me/us in lending such cooperation and assistance are
paid by HPDC; AND I/we hereby authorize and required and any official of any country or countries applications as aforesaid, to issue to HPDC, Patent for said invention(s) or improvement(s be issued and granted on or as a result of the I/we further authorize and direct the	test the Commissioner of Patents and Trademarks of the United States of foreign to the United States whose duty it is to issue patents or as assignee of the entire right, title and interest, any and all Letters in including any and all Letters Patent of the United States which may application aforesaid, in accordance with the terms of this assignment attorneys of record to insert the serial number and filing date of said cket number and title set forth above as soon as the same shall have
Air Machant	5/25/2010
Inventor's Signature	Date Assignment Signed
Arif A. Merchant Inventor's Typed Name	5/25/2010 Date Application Signed
Inventor's Signature Ludmila Cherkasova	

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RECORDED: 05/26/2010

Rev 10/09 (Assignment)