PATENT ASSIGNMENT

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SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Po Yi NG	12/15/2009

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:	29352430	

CORRESPONDENCE DATA

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Address Line 2: Intellectual Property Administration

Address Line 4: Fort Collins, COLORADO 80528

NAME OF SUBMITTER: Colleen F. Brown

Total Attachments: 1

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PATENT REEL: 023733 FRAME: 0967 CH \$40.00 Z85

501056873

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

RECORDED: 01/05/2010

PATENT APPLICATION

ASSIGNMENT OF PATENT APPLICATION

IAWe, 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 myour oblidations to the Hewlett-Packard Company and its

subsidiaries and affi title and interest, inc entitled:	liates, and do hereby assign an luding the right of priority, in, to	id transfer to HPDC, its success and under an application for I	isors and assigns, the entire right Letters Patent of the United States
MIU-ENU, EN INT-L	EVEL, AFTER-MARKET NOT	ebuun muuse	
Filing Date:	12/21/2009	Application No.:	29/352,430
P's), divisionals, and Patent of the United reissues, or reexaminative additionals and enjoyed by terms for which said same would have be AND I/we have not execute that I/we will, each to recessary or desiral Patent, to HPDC, its hPDC, or to its non Letters Patent, to test continuations, C-I-P' do everything possillenforce, for its or the countries provided to paid by HPDC; AND I/we hand any official of applications as afore Patent for said invertibe issued and granter I/we further application now identices made known to	I renewals of and substitutes for i States and of countries foreignations, or extensions of said Linally authorize HPDC to file as HPDC, its successors, assigns I Letters Patent respectively maken held and enjoyed by me/ustereby covenant that I/we have ad and will not execute any agrime a request is made, and with bie to perfect the title to said he is successors, assigns, nomined the interest of the said proceedings, to see all known facts respectingly in any legal proceedings, to see to aid HPDC, its successor own benefit, proper patent the expenses which may be incontrolled and the expenses which may be incontrolled to issue to HPDC, as an action(s) or improvement(s), included on or as a result of the application of the application of the action of them by the united States Patent in them by the United States Patent in the second of the second of the united states Patent in the second of the seco	ar said application for said Letter on thereto which may be grametters Patent. plications in my/our name for List, nominees or legal represents ay be granted, reissued or extra had this assignment, and transfull right to convey the entire in eement in conflict herewith, an nout undue delay, execute and evention(s) or improvement(s), as or legal representatives, as sign all lawful papers, to execute and invention(s) are legal representatives, as sign all lawful papers, to execute and invention(s) are commissioner of Patents and protection for said invention(s) arred by me/us in lending such the United States who saignee of the entire right, title uding any and all Letters Pater sation aforesald, in accordance neys of record to insert the seiumber and title set forth above ent and Trademark Office.	uations, continuations-in-part (C-I- ers Patent, and any and all Letters ted thereon or therefore; and any atters Patent in any country, to be alives, to the full end of the term or ended, as fully and entirely as the fer not been made; herest herein assigned, and that if differ further covenant and agree deliver all such papers as may be a said application and said Letters and I/we agree to communicate to ment(s), said application and said tute all disclaimers and divisionals, and declarations, and generally to gal representatives to obtain and or improvement(s) in any and all the cooperation and assistance are diffrademarks of the United States se duty it is to issue patents on and interest, any and all Letters and of the United States which may with the terms of this assignment, rial number and filling date of said as soon as the same shall have
114 4011.00.20	WHEREOF, Was hereunto set m		15 3009
Inventor's Signature (S	ea()	Date Assign	15 2009 ment Signed
Po Yi NG	Con .		
Inventor's Typed Name		Date Applica	<u>15. 2009</u> tion Signed
State of) } ss.:		
County of)		
Before me thisday	~~~~~~		
known or proyed to massignment to be his/his		tence to be the person who ackn	owledged the foregoing instrument of
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