TTORNEY DOCKET NO		2/08/2011 		Patent and Trac	
REC					
1120	11	03617248			
Name of conveying party(ies) <sup>.</sup>		2. Name and addr	ress of recei	ving party(ies):	
LUDMILA CHERKASOVA ABHISHEK VERMA	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P 11445 Compaq Center Drive West			PANY, L.P	
		Houston, TX 770	70		
Additional name(s) of conveying party(ies) attached?	?∏Yes ∭No	Additional name(s) a	and address/e	s) attached? \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	. ⊠No
3 Nature of Conveyance		, realization at the time (e) a			, (3)(0)
★ Assignment	☐ Change o	f Name	Security A	greement	☐Joint
Execution Date(s):01/31/2011					
4. Application number(s) or patent number(s):					
If this document is being filed together with a	new application	on execution date o	of the applica	ation is agrit Re	cordation
	now approant	m, excedient date c	л ито арриос	Red	ceived 👰
A Patent Application No.(s) Application No 13/019,529	Date Filed:	February 2, 2011		1	-7 2011
Confirmation No.: 1640	B. Patent N	lo.(s)		Sth Sth	Floor
Additional numbers attached? NO					
Name and address of party to whom corresp	ondence	6. Total number of applications and patents involved:1			lved <sup>.</sup>
concerning document should be mailed:		7 Total Fee (37 C	FR 3.41)	\$40.00	
Records Manager Intellectual Property Administration HEWLETT-PACKARD COMPANY 3404 E. Harmony Road		Enclosed			
		_X_Authorization to be charged to deposit account.			
Mail Stop 35 Fort Collins, Colorado 80528	8. Deposit Account Number			er: <u>08-2025</u>	
9 Statement and signature					
To the best of my knowledge and belief, the copy of the original document	foregoing infor	mation is true and o	correct and a	any attached copy	s a true
	Mul	CCX-	02/08/2011	TWASHING PROPERTY	1 <b>9820</b> 25 13
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Dan C Hu Name of Person Signing Total number of pages include	Signa dina covershee			<b>49.66 DA</b>	
Name of Person Signing  Total number of pages include	ding covershee	et, attachments, and	documents	3	
Name of Person Signing	ding covershee	et, attachments, and	d documents 5 (571) 273-	0140, or mailed to	3-1450

Rev 05/09 (RecdAsgn)

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

Rev 10/09 (Assignment)

PATENT APPLICATION

ATTORNEY DOCKET NO. 201005346

## 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 subsidients and affiliates and de horsely course and transfer to the Hewlett-Packard Company and its and affiliates, and do hereby assign and transfer to HPDC, its successors and assigns, the entire right,

entitled:	AN ALLOCATION OF RESOUR		Letters Patent of the United States
Filing Date:	February 2, 2011	Application No.:	13/019,529
P's), divisionals Patent of the U reissues, or ree. I/we ad held and enjoye terms for which same would hav AND I we have not ex that I/we will, ex necessary or d Patent, to HPD HPDC, or to its Letters Patent, continuations, ( do everything enforce, for its countries provi paid by HPDC; AND and any official applications as Patent for said be issued and I/we application not been made knowledge.	in and renewals of and substitutes. Inited States and of countries for examinations, or extensions of said dditionally authorize HPDC to file and by HPDC, its successors, assign said Letters Patent respectively we been held and enjoyed by me/stitute hereby covenant that I/we have the executed and will not execute any attach time a request is made, and we lesirable to perfect the title to said DC, its successors, assigns, nomes nominee, all known facts respect to testify in any legal proceedings C-I-P's, reissue and foreign applice possible to aid HPDC, its successors which may be it if the expenses which may be it if the expenses which may be it if the expenses which may be it invention(s) or improvement(s), it is granted on or as a result of the application of the expense own to them by the United States.	for said application for said Letegn thereto which may be graft Letters Patent. applications in my/our name for ans, nominees or legal representations in my/our name for ans, nominees or legal representations and this assignment, and transve full right to convey the entire agreement in conflict herewith, a without undue delay, execute and invention(s) or improvement(sinees or legal representatives, atting said invention(s) or improving said invention(s) or improving said invention(s) or improving said invention incurred by me/us in lending said the Commissioner of Patents at the Commissioner of Patents at the Commissioner of Patents at assignee of the entire right, the including any and all Letters Patent and Trademark Office	nuations, continuations-in-part (C-liters Patent, and any and all Letters inted thereon or therefore; and any Letters Patent in any country, to be statives, to the full end of the term or ktended, as fully and entirely as the insfer not been made; interest herein assigned, and that I/and I/we further covenant and agree and I/we further covenant and agree and I/we agree to communicate to ecute all disclaimers and divisionals, is and declarations, and generally to legal representatives to obtain and such cooperation and assistance are and Trademarks of the United States hose duty it is to issue patents or ittle and interest, any and all Letters and I mumber and filing date of said the serial number and filing date of said serial number and filing
Inventor's Signa	a		signment Signed
Inventor's Types	d Name	Date App	olication Signed

Page 1 of 1

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

PATENT APPLICATION

ATTORNEY DOCKET NO \_\_\_\_\_

201005346

## **ASSIGNMENT OF PATENT APPLICATION**

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subsidiaries and affiliates, and do hereby assign and transfer to HP title and interest, including the right of priority, in, to and under an a entitled	DC, its successors and assigns, the entire right,
DETERMINING AN ALLOCATION OF RESOURCES FOR A JOB	
Filing Date: February 2, 2011 Applica	ation No.: 13/019,529
and the invention(s) and improvement(s) set forth therein, and any P's), divisionals, and renewals of and substitutes for said application Patent of the United States and of countries foreign thereto which reissues, or reexaminations, or extensions of said Letters Patent I/we additionally authorize HPDC to file applications in my/held and enjoyed by HPDC, its successors, assigns, nominees or leterms for which said Letters Patent respectively may be granted, in same would have been held and enjoyed by me/us had this assignm. AND I/we hereby covenant that I/we have full right to comvide have not executed and will not execute any agreement in conflict that I/we will, each time a request is made, and without undue delay necessary or desirable to perfect the title to said invention(s) or in Patent, to HPDC, its successors, assigns, nominees or legal repident, to testify in any legal proceedings, to sign all lawfully continuations, C-I-P's, reissue and foreign applications, to make all do everything possible to aid HPDC, its successors, assigns, no enforce, for its or their own benefit, proper patent protection for said everything possible to aid HPDC, its successors, assigns, no enforce, for its or their own benefit, proper patent protection for said overything possible to aid HPDC, its successors, assigns, no enforce, for its or their own benefit, proper patent protection for said overything possible to aid HPDC, as assigneed by me/us paid by HPDC.  AND I/we hereby authorize and request the Commissioner and any official of any country or countries foreign to the Unite applications as aforesaid to issue to HPDC, as assignee of the entering and granted on or as a result of the application aforesaid, I/we further authorize and direct the attorneys of record to application now identified by the attorney docket number and title been made known to them by the United States Patent and Tradem	in for said Letters Patent, and any and all Letters in may be granted thereon or therefore, and any our name for Letters Patent in any country, to be agai representatives, to the full end of the term or eissued or extended, as fully and entirely as the ment, and transfer not been made, ey the entire interest herein assigned, and that I/oct herewith, and I/we further covenant and agree y, execute and deliver all such papers as may be increased and I/we agree to communicate to a
Inventor's Signature	Date Assignment Signed
Ludmila Cherkasova Inventor's Typed Name	Date Application Comment
Inventor's Signature	Date Application Signed  1/31/2011  Date Assignment Signed
Abhishek Verma Inventor's Typed Name	1/31/2011 Date Application Signed
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Rev 10/09 (Assignment)

Page 1 of 1

**PATENT** REEL: 025782 FRAME: 0267