503510764 10/06/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3557390

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SUJOY BASU	02/06/2007
GERALD WILLIAM WINSOR	02/14/2007

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:	14736937

CORRESPONDENCE DATA

Fax Number: (970)778-4063

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Correspondent Name: HEWLETT-PACKARD COMPANY **Address Line 1:** 3404 E. HARMONY ROAD MS 35

Address Line 2: INTELLECTUAL PROPERTY ADMINISTRATION

Address Line 4: FORT COLLINS, COLORADO 80528

ATTORNEY DOCKET NUMBER:	84273498
NAME OF SUBMITTER:	HEATHER ELLIS
SIGNATURE:	/Heather Ellis/
DATE SIGNED:	10/06/2015

Total Attachments: 4

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PATENT REEL: 036734 FRAME: 0696

Rev 10/06a (Assignment)

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

ATTORNEY DOCKET NO. 200602675-1

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

WEB SERVICES AND TELECO	M NETWORK MANAGEMEN	T UNIFICATION	
Filing Date: January 25, 2007		plication No.: 11/627,354	
held and enjoyed by HPDC, its s terms for which said Letters Pate same would have been held and AND I/we hereby coven we have not executed and will not that I/we will, each time a reques 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	ement(s) set forth therein, and fand substitutes for said applications of countries foreign thereto watensions of said Letters Pater ze HPDC to file applications in uccessors, assigns, nominees ent respectively may be granteenjoyed by me/us had this assignant that I/we have full right to execute any agreement in countries and without undue of the title to said invention(s) is, assigns, nominees or legal own facts respecting said invention gal proceedings, to sign all law and foreign applications, to make	any and all continuations, co- cation for said Letters Patent, which may be granted thereon it. my/our name for Letters Pate or legal representatives, to the ed, reissued or extended, as ignment, and transfer not bee convey the entire interest here onflict herewith, and I/we furth delay, execute and deliver all or improvement(s), said applia representatives, and I/we ag nation(s) or improvement(s), saiful papers, to execute all disce e all rightful oaths and declare	and any and all Letters nor therefore; and any ent in any country, to be e full end of the term or fully and entirely as the n made; and ssigned, and that I/her covenant and agree such papers as may be cation and said Letters ree to communicate to aid application and said laimers and divisionals, ations, and generally to
do everything possible to aid Hi enforce, for its or their own bene countries provided the expenses paid by HPDC:	efit, proper patent protection for	or said invention(s) or improve	ement(s) in any and all
AND I/we hereby author and any official of any country applications as aforesaid, to issupatent for said invention(s) or implied issued and granted on or as a	ue to HPDC, as assignee of the provement(s), including any and result of the application afores and direct the attorneys of recolutionary docket number and the contraction of the contr	Inited States whose duty it ne entire right, title and intered all Letters Patent of the Unaid, in accordance with the teler to insert the serial number itle set forth above as soon a	is to issue patents on est, any and all Letters nited States which may ms of this assignment.
	/we hereunto set my/our hand(s	•	
Dung Buse	_	2/6/07	
nventor/ Signature (Seal)		Date Assignment Signed	
Sujoy Basu		1/10/07	
nventor's Typed Name		Date Application Signed	
State of)		
County of) ss.:	-	
Before me this day of) , personally appeared	Sujay Pagu	who is norsenath.
nown or proved to me on the basis	of satisfactory evidence to be the	Sujoy Basu ne person who acknowledged th	who is personally e foregoing instrument of
assignment to be his/her free act and	deed.	•	• •
		Notary Public My Commission Expire	

Page 1 of 2

PATENT REEL: 036734 FRAME: 0697 HEWLETT-PACKARD COMPANY Intellectual Property Administrator P.O. Box 272400 Fort Collins, Colorado 80527-2400 PATENT APPLICATION

ATTORNEY DOCKET NO. ___

200602675-1

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 1/22/07 Gerald William Winsor Inventor's Typed Name Date Application Signed State of County of Before me this , personally appeared Gerald William Winsor who is personally day of known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be his/her free act and deed. Notary Public My Commission Expires: Inventor's Signature (Seal) Date Assignment Signed Inventor's Typed Name Date Application Signed State of) ss.: County of , personally appeared who is personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be his/her free act and deed. Notary Public My Commission Expires: Date Assignment Signed Inventor's Signature (Seal) Inventor's Typed Name Date Application Signed State of) ss.: County of Before me this , personally appeared who is personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be his/her free act and deed. Notary Public My Commission Expires: Page 2 of 2 Rev 10/06a (Assignment)

PATENT

REEL: 036734 FRAME: 0698

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

Rev 10/06a (Assignment)

PATENT APPLICATION

ATTORNEY DOCKET NO. ______ 200602675-1

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 entitled:

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 WEB SERVICES AND TELECOM NETWORK MANAGEMENT UNIFICATION Filing Date: January 25, 2007 Application No.: 11/627,354 and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part (C-I-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 term 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 me/us 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 Trademarks 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 and 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. IN WITNESS WHEREOF, I/we hereunto set my/our hand(s) and seal(s): Inventor's Signature (Seal) **Date Assignment Signed** Sujoy Basu Inventor's Typed Name **Date Application Signed** State of) ss.: County of Sujoy Basu who is personally day of , personally appeared known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be his/her free act and deed.

Page 1 of 2

PATENT REEL: 036734 FRAME: 0699

Notary Public My Commission Expires: HEWLETT-PACKARD COMPANY Intellectual Property Administrator P.O. Box 272400 Fort Collins, Colorado 80527-2400

PATENT APPLICATION

ATTORNEY DOCKET NO. 200602675-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

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Invento('s Signalure (Seal)		Date Assignment Sighed
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Gerald William Winsor Inventor's Typed Name		1/22/07 Date Application Signed
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Before me thisday of	, personally appeared	Gerald William Winsor who is personal
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	원 이 시작 김사회 학생들 보다.	My Commission Expires:
	하다 내용된 사람이 항송하다고 있는 것이 되었다. 나는 아니라도 있는 사람들이 되었다.	되다. 마른 게 되면 돼졌지요. 얼마!!!
	결심 강화됐는 결심하는 그 있다.	
Inventor's Signature (Seal)		Date Assignment Signed
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	Page 2 of 2	My Commission Expires:
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RECORDED: 10/06/2015