502157761 12/11/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Jerome ROLIA	06/28/2010
Mark JACOBSEN	06/29/2010
Gary MOLONEY	06/29/2010
Steven j SIMSKE	06/30/2010

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:	13703148

CORRESPONDENCE DATA

Fax Number: (970)778-4063

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: (541)715-8443

Email: pto.assignments@hp.com

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

NAME OF SUBMITTER: Betty Hinkle

Total Attachments: 6

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Rev 10/09 (Assignment)

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

PATENT APPLICATION

ATTORNEY DOCKET NO.

<u>201000505-1</u>

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:

SYSTEM AND METHOD FOR SERVICE RECOMMENDATION SERVICE Filing Date: June 30, 2012 Application No.: PCT/US2010/040577 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 live 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. Inventor's Signature Jerome Rolla Inventor's Typed Name **Date Application Signed** inventor's Signature Date Assignment Signed Mark Jacobson inventor's Typed Name Date Application Signed

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

PATENT APPLICATION

ATTORNEY DOCKET NO.

201000505-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

Inventor's Signature	Date Assignment Signed
Gary Motoney	Date Application Signed
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Inventor's Signature	
Steven J. Simske	
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Texas, (hereinatter HPDC), in furtherance of myrour obligations to the Hewlett-Packard Company and 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 State entitled:	
SYSTEM AND METHOD FOR SERVICE RECOMME	NDATION SERVICE
Filing Date:	Application No.:
P's), divisionals, and renewals of and substitutes for serious patent of the United States and of countries foreign reissues, or reexaminations, or extensions of said Letter I/we additionally authorize HPDC to file applications for which said Letters Patent respectively may same would have been held and enjoyed by me/us hat AND I/we hereby covenant that I/we have full we have not executed and will not execute any agree that I/we will, each time a request is made, and without necessary or desirable to perfect the title to said inverted to everything possible to aid HPDC, its successors, enforce, for its or their own benefit, proper patent procountries provided the expenses which may be incurred by HPDC; AND I/we hereby authorize and request the C and any official of any country or countries foreign applications as aforesaid, to issue to HPDC, as assign applications as aforesaid, to issue to HPDC, as assign applications and granted on or as a result of the application of unterestinated and direct the attorney authorize and direct the attorney.	erein, and any and all continuations, continuations-in-part (C-said application for said Letters Patent, and any and all Letter thereto which may be granted thereon or therefore, and an ters Patent. cations in my/our name for Letters Patent in any country, to be nominees or legal representatives, to the full end of the term of the design and representatives, to the full end of the term of the design and the term of the assignment, and transfer not been made; It right to convey the entire interest herein assigned, and that ment in conflict herewith, and live further covernant and agrept undue delay, execute and deliver all such papers as may be ention(s) or improvement(s), said application and said Letter, or legal representatives, and live agree to communicate the said invention(s) or improvement(s), said application and said invention(s) or improvement(s) in any and a red by me/us in lending such cooperation and assistance are commissioner of Patents and Trademarks of the United States to the United States whose duty it is to issue patents or one of the entire right, title and interest, any and all Letter on aforesaid, in accordance with the terms of this assignment are of record to insert the serial number and filing date of said ber and title set forth above as soon as the same shall have
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inventor's Signature	
Mark Jacobsen	2 y - Zware - Zwitk Date Application Signed
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Page 1 of 2

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

PATENT APPLICATION

ATTORNEY DOCKET NO. 201000505-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

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Gary Moloney Inventor's Typed Name	Date Application Signed
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Steven J. Simske	
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Inventor's Typed Name	Date Application Signed

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Page 2 of 2

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entitled: SYSTEM AND METHOD FOR SERVICE RECOMMENDATION SERVICE	
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Filling Date: Apol	cation No.:
and the invention(s) and improvement(s) set forth therein, and at P's), divisionals, and renewals of and substitutes for said applicat Patent of the United States and of countries foreign thereto whi reissues, or reexaminations, or extensions of said Letters Patent. I/we additionally authorize HPDC to file applications in mind and enjoyed by HPDC, its successors, assigns, nominees or terms for which said Letters Patent respectively may be granted, same would have been held and enjoyed by me/us had this assign. AND I/we hereby covenant that I/we have full right to convert the time of the time arequest is made, and without undue delinecessary or desirable to perfect the title to said invention(s) or Patent, to HPDC, its successors, assigns, nominees or legal reflection, or to its nominee, all known facts respecting said invention. Letters Patent, to testify in any legal proceedings, to sign all lawful continuations, C-I-P's, reissue and foreign applications, to make a deverything possible to aid HPDC, its successors, assigns, nenforce, for its or their own benefit, proper patent protection for countries provided the expenses which may be incurred by me/us paid by HPDC. AND I/we hereby authorize and request the Commissions and any official of any country or countries foreign to the Unit applications as aforesaid, to issue to HPDC, as assignee of the Patent for said invention(s) or improvement(s), including any and be issued and granted on or as a result of the application aforesaid. I/we further authorize and direct the attorneys of record application now identified by the attorney docket number and title been made known to them by the United States Patent and Trader	ion for said Letters Patent, and any and all Letters on may be granted thereon or therefore; and an all your name for Letters Patent in any country, to be logal representatives, to the full end of the term of reissued or extended, as fully and entirely as the ment, and transfer not been made; every the entire interest herein assigned, and that like therewith, and lowe further coverant and agree any, execute and deliver all suich papers as may be improvement(s), said application and said Letters or improvement(s), said application and said letters or improvement(s), and lowe agree to communicate to presentatives, and lowe agree to communicate to presentatives, and lowe agree to communicate to presentatives, and declarations, and devisionals of interest, to execute all disclaimers and divisionals are presented in the angle of the angle of the angle of the united States or of Patents and Trademarks of the United States are entire right, title and interest, any and all Letters all Letters Patent of the United States which may I, in accordance with the terms of this assignment, to insert the serial number and filling date of said set forth above as soon as the same shall have
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Jerome Rolla Inventor's Typed Name	Date Application Signed
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HEWLETT-PACKARD COMPANY Intellectual Property Administrator 3404 E. Harmony Road Mail Stop 35 Fort Collins, Colorado 80528

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Inventor's Signature	Date Assignment Signed
Gary Moloney Inventor's Typed Name	Date Application Signed
Hoven V. Stimules	30 June 2010 Date Assignment Signad 30 June 2010
Francisco Francisco	30 June 2010
Steven J. Simske Inventor's Typed Name	Date Application Signed
Invertor's Signature	Date Assignment Signed
Inventor's Typed Name	Date Application Signed
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RECORDED: 12/11/2012

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