

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT5012040

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SUNIL KOTHARI	11/13/2015
MICHAEL L. REASONER	11/20/2015
THOMAS J. PECK	11/20/2015
DOUGLAS A. SEXTON	11/16/2015
FRANCISCO OBLEA	11/13/2015
JUN ZENG	11/13/2015
GARY J. DISPOTO	11/13/2015
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:	15764326
CORRESPONDENCE DATA	
Fax Number:	(970)778-4063
<i>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.</i>	
Phone:	(541)715-8443
Email:	ipa.mail@hp.com
Correspondent Name:	HP INC.
Address Line 1:	3390 E. HARMONY ROAD MS 35
Address Line 2:	INTELLECTUAL PROPERTY
Address Line 4:	FORT COLLINS, COLORADO 80528
ATTORNEY DOCKET NUMBER:	84945180
NAME OF SUBMITTER:	HEATHER MULKEY
SIGNATURE:	/Heather Mulkey/
DATE SIGNED:	06/18/2018

PATENT

Total Attachments: 10

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HP Inc.
3390 E. Harmony Road
Mail Stop 35
Fort Collins, Colorado 80528

PATENT APPLICATION

RECORD ID: 84347123

ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned (each), for good and valuable consideration, the receipt of which is hereby acknowledged, and in furtherance of my/our obligations to HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., a Texas Limited Partnership having its principal place of business in Houston, Texas, (hereinafter HPDC), and to its subsidiaries and affiliates, agree to assign and transfer and 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 Patent entitled:

DATA USAGE EFFECTIVENESS DETERMINATION

Filing Date: November 23, 2015 Application No.: PCT/US2015/062116

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 Patent, and any and all other Patent of any countries thereto which may be granted thereon or therefore; and any reissues, or reexaminations, or extensions of said Patent.


I/we additionally authorize HPDC to file applications in my/our name for 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 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 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 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 official of any country or countries 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 Patent for said invention(s) or improvement(s) which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

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IN WITNESS WHEREOF, I/we hereunto set my/our hand(s) and seal(s):


Inventor's Signature

11/13/2015
Date

Sunil

Kothari

First/Middle Name

Last Name

Inventor's Signature

Date

Michael L

Reasoner

First/Middle Name


Last Name

HP Inc.
3390 E. Harmony Road
Mail Stop 35
Fort Collins, Colorado 80528

PATENT APPLICATION

RECORD ID: 84347123

ASSIGNMENT OF PATENT APPLICATION (cont.)



Inventor's Signature Date 20 Nov 15

Thomas J Peck

First/Middle Name Last Name

Inventor's Signature Date

Douglas A Sexton

First/Middle Name Last Name

Inventor's Signature Date

Francisco Oblea

First/Middle Name Last Name

Inventor's Signature Date

Jun Zeng

First/Middle Name Last Name

Inventor's Signature Date

Gary J Dispoto

First/Middle Name Last Name

Inventor's Signature Date

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IN WITNESS WHEREOF, I/we hereunto set my/our hand(s) and seal(s):

Inventor's Signature

Date

Sunil Kothari

First/Middle Name Last Name



Inventor's Signature

11/24/2015

Date

Michael L Reasoner

First/Middle Name Last Name

HP Inc.
3390 E. Harmony Road
Mail Stop 35
Fort Collins, Colorado 80528

PATENT APPLICATION

RECORD ID: 84347123

ASSIGNMENT OF PATENT APPLICATION (cont.)

Inventor's Signature Date

Thomas J Peck

First/Middle Name Last Name

Douglas A Sexton _____
Inventor's Signature Date *16 November 2015*

Douglas A Sexton

First/Middle Name Last Name

Inventor's Signature Date

Francisco Oblea

First/Middle Name Last Name

Inventor's Signature Date

Jun Zeng

First/Middle Name Last Name

Inventor's Signature Date

Gary J Dispoto

First/Middle Name Last Name

Inventor's Signature Date

First/Middle Name Last Name

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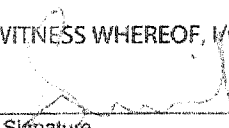
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Inventor's Signature

09/11/15/2015

Date

Sunil

Kothari

First/Middle Name

Last Name

Inventor's Signature

Date

Michael L

Reasoner

First/Middle Name

Last Name

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3390 E. Harmony Road
Mail Stop 35
Fort Collins, Colorado 80528

PATENT APPLICATION

RECORD ID: 84347123

ASSIGNMENT OF PATENT APPLICATION (cont.)

Inventor's Signature Date

Thomas J Peck

First/Middle Name Last Name

Inventor's Signature Date

Douglas A Sexton

First/Middle Name Last Name

Inventor's Signature Date 11/13/2015

Francisco Oblea

First/Middle Name Last Name

Inventor's Signature Date

Jun Zeng

First/Middle Name Last Name

Inventor's Signature Date

Gary J Dispoto

First/Middle Name Last Name

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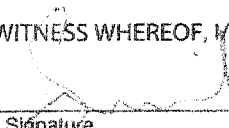
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Inventor's Signature

11/13/2015

Date

Sunil

Kothari

First/Middle Name

Last Name

Inventor's Signature

Date

Michael L

Reasoner

First/Middle Name

Last Name

HP Inc.
3390 E. Harmony Road
Mail Stop 35
Fort Collins, Colorado 80528

PATENT APPLICATION

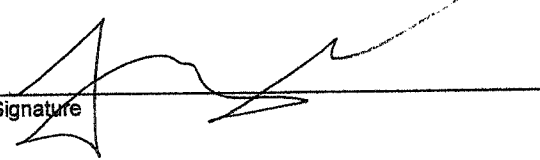
RECORD ID: 84347123

ASSIGNMENT OF PATENT APPLICATION (cont.)

Inventor's Signature _____ Date _____
Thomas J Peck
First/Middle Name Last Name

Inventor's Signature _____ Date _____
Douglas A Sexton
First/Middle Name Last Name

Inventor's Signature _____ Date _____
Francisco Oblea
First/Middle Name Last Name

Inventor's Signature  _____ Date 11/13/2015
Jun Zeng
First/Middle Name Last Name

Inventor's Signature _____ Date _____
Gary J Dispoto
First/Middle Name Last Name

Inventor's Signature _____ Date _____

First/Middle Name Last Name

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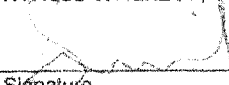
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 _____ Date 07/11/13/2015

Sunil _____ Kothari _____
First/Middle Name Last Name

Inventor's Signature Date

Michael L _____ Reasoner _____
First/Middle Name Last Name

HP Inc.
3390 E. Harmony Road
Mail Stop 35
Fort Collins, Colorado 80528

PATENT APPLICATION

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Inventor's Signature Date

Thomas J Peck

First/Middle Name Last Name

Inventor's Signature Date

Douglas A Sexton

First/Middle Name Last Name

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Francisco Oblea

First/Middle Name Last Name

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Inventor's Signature Date 11/13/15

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