504386050 05/26/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4432746

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RAGHU ANANTHARANGACHAR	10/31/2013
PRADEEP CHOURASIYA	10/31/2013

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:	15027776

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NAME OF SUBMITTER:	JOANNA KEYT
SIGNATURE:	/Joanna Keyt/
DATE SIGNED:	05/26/2017

Total Attachments: 2

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PATENT 504386050 REEL: 042514 FRAME: 0979

Hewlett Packard Enterprise 3404 E. Harmony Road Mail Stop 79 Fort Collins, Colorado 80528

Rev 9/2014 (Assignment)

PATENT APPLICATION

RECORD ID:	83623445
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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 3

ubsidiaries and affiliate	es, agree to assign and transfer	isiness in Houston, Texas, (hereinalter HPDC), and to its rand hereby assign and transfer to HPDC, its successors and he right of priority, in, to and under an application for Patent
CLASSIFYING A DOC	UMENT USING PATTERNS	
Filling Date: 31 Oct 20)13	Application No.: PCT/IN2013/000677
divisionals, and renewa	ils of and substitutes for said a	in, and any and all continuations, continuations-in-part (C-I-P's), oplication for said Patent, and any and all other Patent of any affore; and any reissues, or reexaminations, or extensions of said
by HPDC, its successor Patent respectively may	rs, assigns, nominees or legal re	in my/our name for Patent in any country, to be held and enjoyed presentatives, to the full end of the term or terms for which said ed, as fully and entirely as the same would have been held and sen made;
executed and will not ex- ime a request is made, perfect the title to said in nominees or legal repre- said invention(s) or implicated invention(s) or implicated and declar and legal representative improvement(s) in any cooperation and assista AND l/we hereby applications as aforesai	recute any agreement in conflict is and without undue delay, execute needton(s) or improvement(s), sa sentatives, and I/we agree to corrovement(s), said application and disclaimers and divisionals, confurations, and generally to do ever is to obtain and enforce, for its or and all countries provided the nice are paid by HPDC; suthorize and request the official id, to issue to HPDC, as assignement(s) which may be issued	convey the entire interest herein assigned, and that I/we have not herewith, and I/we further covenant and agree that I/we will, each and deliver all such papers as may be necessary or desirable to id application and said Patent, to HPDC, its successors, assigns, inmunicate to HPDC, or to its nominee, all known facts respecting said Patent, to testify in any legal proceedings, to sign all lawful inuations, C-I-P's, reissue and foreign applications, to make all rything possible to aid HPDC, its successors, assigns, nominees their own benefit, proper patent protection for said invention(s) or expenses which may be incurred by me/us in lending such of any country or countries whose duty it is to issue patents on e of the entire right, title and interest, any and all Patent for said and granted on or as a result of the application aforesaid, in
I/we further author	ize and direct the attorneys of	record to insert the filing date and application number of said dittle set forth above, as soon as the same shall have been made
IN WITNESS WHE	REOF, I/we hereunto set my/o	ur hand(s) and seal(s):
West	A. A	3)-0 de ober - 2013
nventor's Signature		Date
Rag hu	Anantharangachar	
irst/Middle Name	East Name	
nventor's Signature		Date
Pradeep	Chourasiya	
First/Middle Name	Last Name	

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PATENT REEL: 042514 FRAME: 0980

Hewisti P	ackard Enterprise
S	armony Road
istaii Stop	79
Fort Cosk	is, Colorado 80998

PATENT APPLICATION

BECORD ID:	83623445

ASSIGNMENT OF PATENT APPLICATION

IAVe, the undersigned (each), for good and valuable consideration, the receipt of which is hereby acknowledged, and in furtherance of my/our obligations to HEWLETT-PACKARO DEVELOPMENT COMPANY, L.P., a Taxas Limited Partnership having its principal place of business in Houston, Taxas, (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:

CLASSIFYING A DOCUMENT USING PATTERNS

Filing Date: 31 Oct 2013 Application No.: PCT/8N2013/900677
and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part (C+Fs), divisionals, and reviewals 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

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 melus had this assignment, and transfer not been made:

AND two hereby coverant that two have full right to convey the entire interest herein assigned, and that two have not executed and will not execute any agreement in conflict herewith, and tives further coverant and agree that tive will, each time a request is made, and without undue datay, 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 tive agree to communicate to HPDC, or to its nominees, 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+LP's, release and foreign applications, to make all rightful outsiand 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 landing such copperation and assistance are paid by HPDC.

AND live 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 essignee 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 essignment.

live further authorize and direct the attorneys of record to insert the filling date and application number of said application for Patent, now identified by the Record ID and title set forth above, as soon as the same shall have been made known to them.

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

nventor's Signatura	······································	Oste
Raghu	Anantharangachar	
First/Middle Name	Lest Name	
······································		31 Oct 2013
nventor's Signeture		Cete
Fradeep	Chourasiya	
Pirst/Middle Name	Last Name	
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RECORDED: 05/26/2017