505666318 09/11/2019

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5713125

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	CORRECTIVE REQUEST TO CORRECT THE FIRST ASSIGNOR'S NAME, INADVERTENTLY TRANSPOSED AND PREVIOUSLY RECORDED ON REEL: 037649, FRAME: 0850. ASSIGNOR(S) HEREBY CONFIRMS THE ASSIGNMENT.

CONVEYING PARTY DATA

Name	Execution Date
NIRANJAN DAMERA VENKATA	06/23/2013
ILDUS AHMADULLIN	06/28/2013

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:	14900592

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.

 Phone:
 (541)360-4450

 Email:
 ipa.mail@hp.com

Correspondent Name: HP INC.

Address Line 1:3390 E. HARMONY ROAD MS 35Address Line 4:FORT COLLINS, COLORADO 80528

ATTORNEY DOCKET NUMBER:	84432168
NAME OF SUBMITTER:	HEATHER MULKEY
SIGNATURE:	/Heather Mulkey/
DATE SIGNED:	09/11/2019

Total Attachments: 5

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United States Patent And Trademark Office

Under Secretary of Commerce for Intellectual Property and Director of the United States Patent and Trademark Office

FEBRUARY 3, 2016

PTAS

HP INC. 3390 E. HARMONY ROAD MS 35 INTELLECTUAL PROPERTY FORT COLLINS, CO 80528

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RECORDATION DATE: 02/02/2016 REEL/FRAME: 037649/0850

NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

DOCKET NUMBER: 83204434

ASSIGNOR:

NIRANJAN, DAMERA VENKATA DOC DATE: 06/28/2013

Damera Venkata, Niranjan

ASSIGNOR:

AHMADULLIN, ILDUS DOC DATE: 06/28/2013

ASSIGNEE:

HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.

11445 COMPAQ CENTER DRIVE WEST HOUSTON, TEXAS 77070

APPLICATION NUMBER: 14900592 FILING DATE: PATENT NUMBER: ISSUE DATE: TITLE: QUALITY DISTRIBUTIONS FOR AUTOMATED DOCUMENT

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Assignment Page 1 of 2

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DAMERA VENKATA NIRANJAN <u>NIRANJAN DAMERA VENKATA</u>	06/28/2013
ILDUS AHMADULLIN	06/28/2013

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:	14900592

CORRESPONDENCE DATA

 Fax Number:
 (970)778-4063

 Phone:
 (541)715-8443

 Email:
 ipa.mail@hp.com

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Correspondent Name: HP INC.

Address Line 1:3390 E. HARMONY ROAD MS 35Address Line 2:INTELLECTUAL PROPERTYAddress Line 4:FORT COLLINS, COLORADO 80528

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2016

Assignment Page 2 of 2

Total Attachments: 2

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RECEIPT INFORMATION

EPAS ID: PAT3723472 **Receipt Date:** 02/02/2016

HEWLETY-PACKARD COMP	ANY.
Intellectual Property Administr	ular.
3404 E. Harmony Road	1
Med Stop 35	
Par Colles Colorado 80928	1

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RECORDID:	83204434
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ASSIGNMENT OF PATENT APPLICATION

MVe, the undersigned (each) have agreed and hereby agree, that for good and valuable consideration, the

remaint of which is hareby acknowledged, and in DEVELOPMENT COMPANY, L.P., a Texas Limited F Texas, (hereinafter HPDC), and to its subsidiaries and assigns, the entire right, title and interest, including to entitied:	Partnership having its print Laffillates, to assign and tr	cipal place of business in Houston, ansfer to HPDC, its successors and
QUALITY DISTRIBUTIONS FOR AUTOMATED DOC	UMENT COMPOSITION	
Filing Date: 28 June 2013	Application No.:	PCT/US2013/048727
and the invention(s) and improvement(s) sat forth there divisionals, and renewals of and substitutes for said a countries thereto which may be granted thereon or there Patent.	pplication for said Patent.	and any and all other Patent of any
tives additionally suitorize HPDC to file applications by HPDC, its successors, assigns, nomines, or legal re Patent respectively may be granted, reissued or extendinglight by me/os had this assignment, and transfer not be	presentatives, to the full en ed, as fully and entirely as	id of the term or terms for which said
AND then hereby coverant that I/we have full right to executed and will not execute any agreement in obvilled time a request is made, and without undue delay, execute perfect the title to said invention(s) or improvement(s), so commence or legal representatives, and then agree to consider invention(s) or improvement(s), said application and papers, to execute all disclaimers and divisionals, contrightful paths and declarations, and generally in do ever and legal representatives to obtain and enforce, for its or improvement(s) in any and all countries provided the cooperation and assistance are paid by HPDC:	horewith, and I/we turther of and deliver all such paper aid application and said Pate municate to HPDC, or to it is said Patent, to testify in an artistions. C-I-P's, reissus tything possible to aid HPD their own benefit, proper as	ovenant and agree that I/we will, each a se may be necessary or desimble to ant, to HPDC, its successors, assigns, is nomines, all known facts respecting by legal processings, to sign sit lawful and foreign applications, to make all iC, its successors, assigns, nominees stell protection for paid invention(s) of
AND tive hereby authorize and request the official applications as alonesaid, to issue to HPDC, as assigned invention(s) or improvement(s) which may be issued accordance with the terms of this assignment.	e of the entire right, title an	id interest, any and all Patent for said
invertisities authorize and direct the attorneys of application for Patent, now identified by the Record ID an known to them.	record to insert the filing of title set forth above, as so	date and application number of said on as the same shall have been made
IN WITNESS WHEREOF, I/we hereunto set my/o	ur band(s) and seal(s):	
<u> </u>	and the second	ne 28, 2013
inventor's Signature		338 - 3377 37 - 63
Niranjan Damera Venkata Inventos's Typed Nome		
PowerNor's Signature	(Days)	
lidus Ahmadullin		
Inventor's Typed Name		
Proc 5/2013 (Fasigoment)	age 1 of 1	

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

PA	TEN	IT AI	PLIC	ATION	ĺ

RECORD ID:	83204434
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ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned (each) have agreed and hereby agree, that 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, to 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

entitied:		
QUALITY DISTRIBUTIONS FOR AUTOMATED I	DOCUMENT COMPOSITION	
Filing Date: 28 June 2013		PCT/US2013/048727
and the invention(s) and improvement(s) set forth divisionals, and renewals of and substitutes for saccountries thereto which may be granted thereon or Patent.	aid application for said Patent,	and any and all other Patent of any
I/we additionally authorize HPDC to file application of the successors, assigns, nominees or leg Patent respectively may be granted, relesued or exenjoyed by me/us had this assignment, and transfer	gal representatives, to the full e stended, as fully and entirely as	nd of the term or terms for which said
AND I/we hereby covenant that I/we have full rig executed and will not execute any agreement in cor- time a request is made, and without undue delay, ex-	iflict herewith, and I/we further of secute and deliver all such pape	covenant and agree that I/we will, each rs as may be necessary or desirable to

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 majus 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 aforesald, in accordance with the terms of this assignment.

I/we further authorize and direct the attorneys of record to Insert the filing 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):

Inventor's Signature		Date
Niranjan Damera Venkata		
Inventor's Typed Name		
		6-28-13
Inventor's Signature		Date
lidus Ahmadullin		
Inventor's Typed Name		
Rev 1/ 2013 (Assignment)	Page 1 of 1	