PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5138517

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
ANELLENA SANTOS	06/13/2017
DIEGO R. MEDAGLIA	06/13/2017
TACIANO PEREZ	06/13/2017
DIRCEU RAMOS	06/13/2017
JAMES R. WALDRON	06/17/2017

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:	16076203

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)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:	84626337
NAME OF SUBMITTER:	JOHN E. NEMAZI
SIGNATURE:	/John E. Nemazi/
DATE SIGNED:	09/13/2018
	•

Total Attachments: 4

source=16076203_84626337_Assignment#page1.tif source=16076203_84626337_Assignment#page2.tif source=16076203_84626337_Assignment#page3.tif source=16076203_84626337_Assignment#page4.tif

HP Inc.	
3390 E. Harmony Road	
Mail Stop 35	
Fort Collins, Colorado 8	0528

Rev 8/2014 (Assignment)

PATENT APPLICATION

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

subsidiaries and affiliates, agree to assign and train	of business in Houston, Texas, (hereinafter HPDC), and to its nefer and hereby assign and transfer to HPDC, its successors and ng the right of priority, in, to and under an application for Patent
SYMMETRICALLY ENCRYPT A MASTER PASS	PHRASE KEY
Filing Date: 07-AUG-2018	Application No.: 16/076,203
divisionals, and renewals of and substitutes for sa	herein, and any and all continuations, continuations-in-part (C-I-P's), id application for said Patent, and any and all other Patent of any therefore; and any reissues, or reexaminations, or extensions of said
by HPDC, its successors, assigns, nominees or legi	ions in my/our name for Patent in any country, to be held and enjoyed at representatives, to the full end of the term or terms for which said tended, as fully and entirely as the same would have been held and not been made;
executed and will not execute any agreement in contime a request is made, and without undue delay, experfect the title to said invention(s) or improvement(s) nominees or legal representatives, and I/we agree to said invention(s) or improvement(s), said application papers, to execute all disclaimers and divisionals, rightful oaths and declarations, and generally to do evilegal representatives to obtain and enforce, for its	ht to convey the entire interest herein assigned, and that I/we have no flict herewith, and I/we further covenant and agree that I/we will, each ecute and deliver all such papers as may be necessary or desirable to), said application and said Patent, to HPDC, its successors, assigns of communicate to HPDC, or to its nominee, all known facts respecting and said Patent, to testify in any legal proceedings, to sign all lawful continuations, C-I-P's, reissue and foreign applications, to make all verything possible to aid HPDC, its successors, assigns, nominees and or their own benefit, proper patent protection for said invention(s) of expenses which may be incurred by me/us in lending such cooperation.
applications as aforesaid, to issue to HPDC, as assi	icial of any country or countries whose duty it is to issue patents or ignee of the entire right, title and interest, any and all Patent for sake led and granted on or as a result of the application aforesaid, in
	of record to insert the filing date and application number of said D and title set forth above, as soon as the same shall have been made
IN WITNESS WHEREOF, I/we hereunto set m	y/our hand(s) and seal(s):
Anulus (Andred do Sinventor's Signature	201700 06/13/2017 Date
Anellena Santos	
First/Middle Name Last Name	
En MM	06 13 2017
Inventors Signature	Date
Diego R Medaglia	
First/Middle Name Last Name	

Page 1 of 2

HP Inc. 3390 E. Harmony Road Mail Stop 35 Fort Collins, Colorado 80528	RECORD ID	PATENT APPLICATION 84626337
ASSIGNA	SENT OF PATENT APPLICATION	
Inventor's Signature	Date	06/13/2017
Taciano Perez		
First/Middle Name Last Nan	re Coursel	06/13/2017
Dirceu Ramos	Date	
First/Middle Name Last Nan	ıe	
Inventor's Signature	Date	***************************************
James R. Waldro First/Middle Name Last Nam	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
Inventor's Signature	Date	
First/Middle Name Last Nan)2	
Inventor's Signature	Date	
First/Middle Name Last Nan	le	
Inventore Simple of	Date	

Last Name

First/Middle Name

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

Rev 8/2014 (Assignment)

PATENT APPLICATION

ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned (each), for good and valuable consideration, the receipt of which is hereby acknowledged,

Limited Partne subsidiaries an	ership having its p ed affiliates, agree to	rincipal place of booksign and transfe	usiness in Houston or and hereby assign	n, Texa	MIENT COMPANY, E.P., a fexas s. (hereinafter HPDC), and to its ansfer to HPDC, its successors and ind under an application for Patent
SYMMETRICA	LLY ENCRYPT A	MASTER PASSPHI	RASE KEY		
Filing Date: _	07-AUG-2018	***************************************	Application !	No.:	16/076,203
divisionals, and	renewals of and s	ubstitutes for said a	application for said P	Patent, a	ations, continuations-in-part (C-I-P's) and any and all other Patent of any reexaminations, or extensions of said
by HPDC, its si Patent respective	uccessors, assigns, vely may be granted	nominees or legal re	apresentatives, to the led, as fully and entir	e full end	n any country, to be held and enjoyed d of the term or terms for which said the same would have been held and
executed and w time a request is perfect the title nominees or leg said invention(s papers, to exec rightful oaths an legal represents improvement(s)	rill not execute any a s made, and without to said invention(s) gal representatives, or improvement(s) cute all disclaimers ad declarations, and atives to obtain and	agreement in conflict undue delay, execu- or improvement(s), s and I/we agree to co , said application and and divisionals, con- generally to do every enforce, for its or ti	herewith, and I/we fute and deliver all such aid application and sammunicate to HPDC, disaid Patent, to testi tinuations, C-I-P's, re thing possible to aid I heir own benefit, proj	urther co h papers aid Pate , or to its ify in an eissue s HPDC, it pper pate	erein assigned, and that I/we have no ovenant and agree that I/we will, each as may be necessary or desirable to int, to HPDC, its successors, assigns in nominee, all known facts respecting y legal proceedings, to sign all lawfu and foreign applications, to make all ts successors, assigns, nominees and ent protection for said invention(s) o by me/us in lending such cooperation
applications as invention(s) or	aforesaid, to issue t	to HPDC, as assignetich may be issued	e of the entire right,	title and	whose duty it is to issue patents or d interest, any and all Patent for saic esult of the application aforesaid, in
					date and application number of saic on as the same shall have been made
IN WITNE	SS WHEREOF, I/we	hereunto set my/o	ur hand(s) and seal((s):	
Anulu- Inventor's Signat	<u>a (Andrad</u> ure	do Sa	<u> </u>	<u>රිරි</u> ste	113 2017
Anellena	5	Santos			
First/Middle Name		ast Name			
	4111.14/		,	~C14	13/2017
inventors Signat	ure /		Da	<u>~o+-</u> ite	well and the
Diego R		Medaglia			
First/Middle Name		ast Name			

Page 1 of 2

HP Inc.
3390 E. Harmony Road
Mail Stop 35
war and an analysis

PATENT APPLICATION

Mail Stop 35 Fort Collins, Colorado 80528		RECORD ID:	84626337
	ASSIGNMENT OF PA	TENT APPLICATION (cor	nt.)
Inventor's Signature		Date	
Taciano	Perez		
First/Middle Name	Last Name		
Inventor's Signature		Date	
Dirceu	Ramos		
First/Middle Name	Last Name		
	<u></u>		אטע 17
James R. First/Middle Name	Waldron Last Name		•
Inventor's Signature		Date	
DK 10419 - Yenn 1			
First/Middle Name	Last Name		
Inventor's Signature		Oate	
First/Middle Name	Last Name		
Inventor's Signature		Date	
.			
First/Middle Name	Last Name		•

Page 2 of 2

Rev 8/2014 (Assignment)