## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7404345

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the CONVEYING PARTY DATA TO LUIS E. LUCIANI JR. previously recorded on Reel 049153 Frame 0923. Assignor(s) hereby confirms the CONVEYING PARTY IS CURRENTLY LUIS LUCIANI.

## **CONVEYING PARTY DATA**

Name	Execution Date
LUIS E. LUCIANI JR	06/27/2022
SZE HAU LOH	05/09/2019

## **RECEIVING PARTY DATA**

Name:	Hewlett Packard Enterprise Development LP	
Street Address:	11445 Compaq Center Drive West	
City:	Houston	
State/Country:	TEXAS	
Postal Code:	77070	

## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16409929

## **CORRESPONDENCE DATA**

Fax Number:

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:** (970) 898-7472

Email: hpe.ip.mail@hpe.com

Correspondent Name: HEWLETT PACKARD ENTERPRISE
Address Line 1: 3404 E. HARMONY ROAD MS 79
Address Line 4: FORT COLLINS, COLORADO 80528

ATTORNEY DOCKET NUMBER: 710227647US01

NAME OF SUBMITTER: KATHY HUNGSBERG

SIGNATURE: /Kathy Hungsberg/

DATE SIGNED: 06/28/2022

**Total Attachments: 7** 

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PATENT 507357423 REEL: 060446 FRAME: 0219

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PATENT REEL: 060446 FRAME: 0220

## 505472145 05/13/2019

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5518948

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

## **CONVEYING PARTY DATA**

Name	Execution Date	
LUIS LUCIANI	05/08/2019	
SZE HAU LOH	05/09/2019	

## **RECEIVING PARTY DATA**

Name:	Hewlett Packard Enterprise Development LP
Street Address:	11445 Compaq Center Drive West
City:	Houston
State/Country:	TEXAS
Postal Code:	77070

## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16409929

## **CORRESPONDENCE DATA**

Fax Number:

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:** (970) 898-7472

**Email:** hpe.ip.mail@hpe.com

Correspondent Name: HEWLETT PACKARD ENTERPRISE
Address Line 1: 3404 E. HARMONY ROAD MS 79
Address Line 4: FORT COLLINS, COLORADO 80528

ATTORNEY DOCKET NUMBER:	90700120
NAME OF SUBMITTER:	DAN C. HU
SIGNATURE:	/Dan C. Hu, Reg. No. 40,025/
DATE SIGNED:	05/13/2019

**Total Attachments: 2** 

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PATENT 505472145 REEL: 060446 FRAME: 0221

Record ID: \_\_\_\_\_

# COMBINED DECLARATION AND ASSIGNMENT FOR UTILITY AND DESIGN PATENT APPLICATION

Title of Application	AUTHORIZED DEVICE OR COMPONENT DETERMINATIONS
Filing Date: <sup>5/1</sup>	Application No.: 16/409,929

#### **DECLARATION**

As a below named inventor, I hereby declare that:

The above-identified application was made or authorized to be made by me.

I believe I am the original inventor or an original joint inventor of a claimed invention in the application.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

#### **ASSIGNMENT**

In this Assignment, the "Patent Items" include the above-identified application for Patent 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(s) of any countries thereto which may be granted thereon or therefore, and any reissues, or reexaminations, or extensions of said Patent(s).

I/We, the undersigned (each):

hereby confirm the assignment and transfer of the entire right, title and interest, including the right of priority, in, to and under the Patent Items to Hewlett Packard Enterprise Development LP, a Texas Limited Partnership having its principal place of business in Houston, Texas, (hereinafter HPED) by virtue of a previously executed agreement,

acknowledge that I/we have previously agreed to assign and transfer to HPED the entire right, title and interest, including the right of priority, in, to and under the Patent Items, and

to the extent not already effected by a previously executed agreement, for good and valuable consideration, the receipt of which is hereby acknowledged, and in furtherance of my/our obligations to HPED, and to its subsidiaries and affiliates, hereby assign and transfer to HPED, its successors and assigns, the entire right, title and interest, including the right of priority, in, to and under the Patent Items.

I/we additionally authorize HPED to file applications in my/our name for Patent in any country, to be held and enjoyed by HPED, 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 Patent Items, to HPED, its successors, assigns, nominees or legal representatives, and I/we agree to communicate to HPED, or to its nominee, all known facts respecting said invention(s) or improvement(s), said Patent Items, 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 HPED, 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 HPED;

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 HPED, as assignee of the entire right, title and interest, any and all Patent(s) 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.

Record ID:	710227647US01	
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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/c	/	6/27/2022	
Inventor's Signature		Date	
Luis E. Luciani Jr.			
First/Middle Name/Last Name			
1	/		
Inventor's Signature		Date	
Sze Hau Loh			
First/Middle Name/Last Name		-	

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

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RECORD ID:	90700120
KECOKD ID:	30/00120

## **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 Enterprise Development LP, a Texas Limited Partnership having its principal place of business in Houston, Texas, (hereinafter HPED), and to its subsidiaries and affiliates, agree to assign and ng

transfer and hereby assign and transfer to HPED, its sthe right of priority, in, to and under an application for Pa	ter FPED), and to its subsidiaries and attiliates, agree to assign and uccessors and assigns, the entire right, title and interest, including atent entitled:
AUTHORIZED DEVICE OR COMPONENT DETERM	MINATIONS
Filing Date: May 13, 2019	Application No.:16/409929
divisionals, and renewals of and substitutes for said	rein, and any and all continuations, continuations-in-part (C-I-P's), application for said Patent, and any and all other Patent of any prefore; and any reissues, or reexaminations, or extensions of said
by HPED, its successors, assigns, nominees or legal in	s in my/our name for Patent in any country, to be held and enjoyed representatives, to the full end of the term or terms for which said ded, as fully and entirely as the same would have been held and been made;
executed and will not execute any agreement in conflictime a request is made, and without undue delay, execuperfect the title to said invention(s) or improvement(s), somminees or legal representatives, and I/we agree to consaid invention(s) or improvement(s), said application are papers, to execute all disclaimers and divisionals, conrightful oaths and declarations, and generally to do evant legal representatives to obtain and enforce, for its constitution of the contraction of the c	to convey the entire interest herein assigned, and that I/we have not to the herewith, and I/we further covenant and agree that I/we will, each attered and deliver all such papers as may be necessary or desirable to said application and said Patent, to HPED, its successors, assigns, ormmunicate to HPED, or to its nominee, all known facts respecting a said Patent, to testify in any legal proceedings, to sign all lawful nitinuations, C-I-P's, reissue and foreign applications, to make all erything possible to aid HPED, its successors, assigns, nominees or their own benefit, proper patent protection for said invention(s) or e expenses which may be incurred by me/us in lending such
applications as aforesaid, to issue to HPED, as assigned	ol of any country or countries whose duty it is to issue patents on see 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 authorize and direct the attorneys of application for Patent, now identified by the Record ID at known to them.	record to insert the filing date and application number of said and title set forth above, as soon as the same shall have been made
IN WITNESS WHEREOF, I/we hereunto set my/our hand	(s) and seal(s):
	5 /8 / 20 0
Inventor's Signature	S/8/2019 Date
Luis Luciani	
First/Middle Name/Last Name	
Inventor's Signature	Date
Sze Hau Loh	
First/Middle Name/Last Name	
Rev 06/15 Pa	age 1 of 1

**PATENT REEL: 060446 FRAME: 0224**  Hewlett Packard Enterprise

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3404 E. Harmony Road		
Mail Stop 79 Fort Collins, Colorado 80528	RECORD ID:	90700120
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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 Enterprise Development LP, a Texas Limited Partnership having its principal place of business in Houston, Texas, (hereinafter HPED), and to its subsidiaries and affiliates, agree to assign and transfer and hereby assign and transfer to HPED, its successors and assigns, the entire right, title and interest, including the right of priority, in, to and under an application for Patent entitled:

AUTHORIZED DEV	ICE OR COMPONENT D	ETERMINATIONS .			
Filing Date:	May 13, 2019	Application No.	. <b>:</b>	16/409929	
divisionals, and rene	ewals of and substitutes for	orth therein, and any and all color said application for said Patenn or therefore; and any reissues	nt, an	d any and all other P	atent of any
by HPED, its succes Patent respectively r	sors, assigns, nominees o	olications in my/our name for Pat r legal representatives, to the fu or extended, as fully and entirely sfer not been made;	ll end	of the term or terms fo	r which said
executed and will no time a request is made perfect the title to sain nominees or legal re- said invention(s) or in papers, to execute a rightful oaths and de- and legal representati improvement(s) in a	t execute any agreement in de, and without undue delated id invention(s) or improvem presentatives, and I/we agr mprovement(s), said applicall disclaimers and division actions, and generally to tives to obtain and enforce,	ull right to convey the entire intered in conflict herewith, and I/we furth by, execute and deliver all such parent(s), said application and said ree to communicate to HPED, or eation and said Patent, to testify in als, continuations, C-I-P's, reiss to do everything possible to aid I for its or their own benefit, propertided the expenses which may	er cover apers a Patent to its in any sue and HPED, er pate	enant and agree that I/N as may be necessary or t, to HPED, its successor nominee, all known fact legal proceedings, to sind foreign applications, this successors, assign ent protection for said in	we will, each desirable to ors, assigns, is respecting ign all lawful to make all s, nominees vention(s) or
applications as afore invention(s) or impre	said, to issue to HPED, as	ne official of any country or cour s assignee of the entire right, title issued and granted on or as	e and	interest, any and all Pa	tent for said
		rneys of record to insert the fill ord ID and title set forth above, a			
IN WITNESS WHE	REOF, I/we hereunto set my/	our hand(s) and seal(s):			
Inventor's Signature		Date		,	
Luis Luciani					
First/Middle Name/Last I	Name	· · ·			
Cohspehar	<u>.                                    </u>	0	5/0	19/2019	
Inventor's Signature		Date			
Sze Hau Loh					
First/Middle Name/Last	Name				
Rev 06/15		Page 1 of 1			

**PATENT** REEL: 060446 FRAME: 0225

RECORDED: 05/13/2019

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

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RECORD ID:	90700120

## **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 Enterprise Development LP, a Texas Limited Partnership having its principal place of business in Houston, Texas, (hereinafter HPED), and to its subsidiaries and affiliates, agree to assign and transfer and hereby assign and transfer to HPED, its successors and assigns, the entire right, title and interest, including

the right of priority, in, to and under an application for Patent e	entitled:
AUTHORIZED DEVICE OR COMPONENT DETERMINAT	Tions
Filing Date: May 13, 2019	Application No.:16/409929
divisionals, and renewals of and substitutes for said applic	and any and all continuations, continuations-in-part (C-I-P's), cation for said Patent, and any and all other Patent of any e; and any reissues, or reexaminations, or extensions of said
by HPED, its successors, assigns, nominees or legal repres	ny/our name for Patent in any country, to be held and enjoyed sentatives, to the full end of the term or terms for which said as fully and entirely as the same would have been held and made;
executed and will not execute any agreement in conflict here time a request is made, and without undue delay, execute any perfect the title to said invention(s) or improvement(s), said a nominees or legal representatives, and I/we agree to commu said invention(s) or improvement(s), said application and said papers, to execute all disclaimers and divisionals, continual rightful oaths and declarations, and generally to do everything and legal representatives to obtain and enforce, for its or their improvement(s) in any and all countries provided the expression and assistance are paid by HPED;  AND I/we hereby authorize and request the official of a applications as aforesaid, to issue to HPED, as assignee of	d deliver all such papers as may be necessary or desirable to pplication and said Patent, to HPED, its successors, assigns, nicate to HPED, or to its nominee, all known facts respecting d Patent, to testify in any legal proceedings, to sign all lawful tions, C-I-P's, reissue and foreign applications, to make all ng possible to aid HPED, its successors, assigns, nominees of own benefit, proper patent protection for said invention(s) or penses which may be incurred by me/us in lending such any country or countries whose duty it is to issue patents on the entire right, title and interest, any and all Patent for said
invention(s) or improvement(s) which may be issued and accordance with the terms of this assignment.  I/we further authorize and direct the attorneys of reco	granted on or as a result of the application aforesaid, in rd to insert the filing date and application number of said
application for Patent, now identified by the Record ID and title known to them.	set forth above, as soon as the same shall have been made
IN WITNESS WHEREOF, I/we hereunto set my/our hand(s) and	seal(s):
Luis Luciani	
rirst/Middle Name/Last Name	
nventor's Signature	Date
Sze Hau Loh	
irst/Middle Name/Last Name	
Rev 06/15 Page 1	of 1

**PATENT REEL: 060446 FRAME: 0226**  **Hewlett Packard Enterprise** 3404 E. Harmony Road Mail Stop 79 Fort Collins, Colorado 80528

RECORD ID:	90700120
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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 Enterprise Development LP, a Texas Limited Partnership having its principal place of business in Houston, Texas, (hereinafter HPED), and to its subsidiaries and affiliates, agree to assign and transfer and hereby assign and transfer to HPED, its successors and assigns, the entire right, title and interest, including the right of priority in to and under an application for Patent entitled:

the right of priority, if	n, to and under an application	n for Patent entitled:		
AUTHORIZED DE	VICE OR COMPONENT D	ETERMINATIONS		
Filing Date:	May 13, 2019	Application	on No.:	16/409929
divisionals, and rer	ewals of and substitutes for	or said application for sai	d Patent, and	ons, continuations-in-part (C-I-P's), I any and all other Patent of any examinations, or extensions of said
by HPED, its succe Patent respectively	ssors, assigns, nominees o	or legal representatives, to or extended, as fully and o	the full end of	ny country, to be held and enjoyed of the term or terms for which said same would have been held and
executed and will not time a request is may perfect the title to so nominees or legal resaid invention(s) or papers, to execute rightful oaths and dand legal represents improvement(s) in	ot execute any agreement in ade, and without undue dela aid invention(s) or improvem epresentatives, and I/we agr improvement(s), said application all disclaimers and division declarations, and generally that atives to obtain and enforce	n conflict herewith, and I/w y, execute and deliver all s nent(s), said application an ree to communicate to HP cation and said Patent, to t nals, continuations, C-I-P's to do everything possible t , for its or their own benefit	e further cove such papers as d said Patent, ED, or to its n estify in any I s, reissue and o aid HPED, s, proper pater	in assigned, and that I/we have not nant and agree that I/we will, each is may be necessary or desirable to to HPED, its successors, assigns, ominee, all known facts respecting egal proceedings, to sign all lawful if foreign applications, to make all its successors, assigns, nominees at protection for said invention(s) or curred by me/us in lending such
applications as afor invention(s) or imp	esaid, to issue to HPED, as	s assignee of the entire rig	iht, title and in	hose duty it is to issue patents on nterest, any and all Patent for said it of the application aforesaid, in
				e and application number of said as the same shall have been made
IN WITNESS WH	EREOF, I/we hereunto set my/	our hand(s) and seal(s):		
Inventor's Signature		·····	Date	y Wight and a second a second and a second a
Luis Luciani				
First/Middle Name/Last	: Name			
Cohspeha	<u>u</u>		05/0	9/2019
Inventor's Signature			Date	
Sze Hau Loh				
First/Middle Name/Last	Name			
Rev 06/15		Page 1 of 1		

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**PATENT**