## 505951539 03/05/2020

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5998244

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
PAUL JERAN	09/27/2017
BARTLEY MARK HIRST	09/26/2017
JEFFERSON P WARD	09/27/2017
DEE CHOU	09/26/2017

#### **RECEIVING PARTY DATA**

Name:	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.		
Street Address:	10300 ENERGY DRIVE		
City:	SPRING		
State/Country:	TEXAS		
Postal Code:	77389		

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number	
Application Number:	16644607	

#### **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.

Correspondent Name: HP INC.

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

ATTORNEY DOCKET NUMBER:	85832591
NAME OF SUBMITTER:	GEORGE C. ECKERT
SIGNATURE:	/George C ECKERT/
DATE SIGNED:	03/05/2020

#### **Total Attachments: 4**

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

Rev 8/2014 (Assignment)

## PATENT APPLICATION

RECORD ID:	84670788	
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#### ASSIGNMENT OF PATENT APPLICATION

		FATENT APPLICATION	
and in furtherance of my/o Limited Partnership having subsidiaries and affiliates, a	our obligations to HEWLET g its principal place of bus agree to assign and transfer	e consideration, the receipt of which IT-PACKARD DEVELOPMENT Consiness in Houston, Texas, (herein and hereby assign and transfer to be right of priority, in, to and under	OMPANY, L.P., a Texas after HPDC), and to its HPDC, its successors and
INTEGRATED CIRCUIT DE	EVICE FOR A REPLACEAB	LE PRINTER COMPONENT	
Filing Date:		Application No.:	
divisionals, and renewals of	and substitutes for said app	n, and any and all continuations, cor plication for said Patent, and any a ore, and any reissues, or reexaminat	nd all other Patent of any
by HPDC, its successors, as Patent respectively may be g	signs, nominees or legal repr	n my/our name for Patent in any coun resentatives, to the full end of the te d, as fully and entirely as the same v en made;	rm or terms for which said
executed and will not execute time a request is made, and v perfect the title to said inventi- nominees or legal representa said invention(s) or improvem papers, to execute all discla- rightful oaths and declarations legal representatives to obtai	e any agreement in conflict he without undue delay, execute a ion(s) or improvement(s), said tives, and I/we agree to comment(s), said application and s imers and divisionals, contines, and generally to do everything in and enforce, for its or their countries provided the expensions.	convey the entire interest herein assignerewith, and I/we further covenant and and deliver all such papers as may be application and said Patent, to HPDC, or to its nominee, said Patent, to testify in any legal provunctions, C-I-P's, reissue and foreigning possible to aid HPDC, its successor own benefit, proper patent protectises which may be incurred by me/us in	d agree that I/we will, each enecessary or desirable to C, its successors, assigns, all known facts respecting seedings, to sign all lawful applications, to make all ors, assigns, nominees and ion for said invention(s) or
applications as aforesaid, to i	issue to HPDC, as assignee (s) which may be issued an	f any country or countries whose du of the entire right, title and interest, and granted on or as a result of the	any and all Patent for said
I/we further authorize ar application for Patent, now ide known to them.	nd direct the attorneys of reentified by the Record ID and	ecord to insert the filing date and a title set forth above, as soon as the sa	pplication number of said ame shall have been made
Inventor's Signature	, I/we hereunto set my/our	hand(s) and seal(s): $\frac{9/27/17}{Date}$	· · · · · · · · · · · · · · · · · · ·
Paul V	Jeran	The second secon	
First/Middle Name	Last Name		
Inventor's Signature		Date	
Bartley Mark	Hirst		
First/Middle Name	Last Name	- No work delication	

PATENT REEL: 052025 FRAME: 0185 HP Inc. 3390 E. Harmony Road Mail Stop 35 Fort Collins, Colorado 80528

## PATENT APPLICATION

Fort Collins, Colorado 80528		R	ECORD ID:	84670788	
	ASSIGNMENT O	F PATENT APP	LICATION (c	ont.)	
addura - P. 7/and			27-SEPT-2017		
Inventor Signature			Date		
Jefferson P	Ward				
First/Middle Name	Last Name				
Inventor's Signature			 Date		
Dee	Chou		· 		
First/Middle Name	Last Name			,	
Inventor's Signature			Date		
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Inventor's Signature			Date		
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Inventor's Signature			Date		
First/Middle Name	Last Name		name.		

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

PA	TENT	APPL	.ICA	TION

## **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:

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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 medius 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.

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	<u> </u>		
Paul	Jeran		_	•		•
First/Middle Name  Battle	Mark Am		9/26/17	7*		•
Inventor's Signature			Date/ /	•	Š	je V
Bartley Mark	Hirst					, ,
First/Middle Name	Last Name		_			,
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## PATENT APPLICATION

Fort Collins, Colorado 80528		RECORD ID:	84670788
	ASSIGNMENT OF PAT	ENT APPLICATION (cont.)	
Inventor's Signature		Date	
Jefferson P	Ward		
First/Middle Name	Last Name		
De Lee Chon Inventor's Signature	THE PARTY OF THE P	<u>9/2</u>	6/2017
Dee	Chou		
First/Middle Name	Last Name		
Inventor's Signature		Date	
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First/Middle Name	Last Name		
Inventor's Signature		Date	
First/Middle Name	Last Name		
Inventor's Signature		Date	
First/Middle Name	Last Name		

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