505926806 02/20/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	ASSIGNMENT		

CONVEYING PARTY DATA

Name	Execution Date
JACOB LUM	10/16/2017
JEREMY SELLS	10/16/2017
SI-LAM CHOY	10/16/2016

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:	16640563			

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.

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.

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ATTORNEY DOCKET NUMBER:	85837162
NAME OF SUBMITTER:	ALISSA A JUNGE
SIGNATURE: /Alissa A Junge/	
DATE SIGNED:	02/20/2020

Total Attachments: 2

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PATENT 505926806 REEL: 051876 FRAME: 0030

HP Inc.	1
3390 E. Harmony Road	l
Mail Stop 35	ŀ
Fort Collins, Colorado 80528	ŀ

PATENT APPLICATION

RECORD ID:	84669158	

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.

FLUIDIC DIES				
Filing Date:	19 Oct 2017	Agladajajanos, konjikon konskonskon kolajakola, mikojajo dipi	Application No.:	PCT/US2017/057394
divisionals, and rer	newals of and substitutes	for said applic	cation for said Patent,	uations, continuations-in-part (C-I-P's) and any and all other Patent of an 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 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 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 me/us 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):

Jacob Gun.		iny/our ii	and(s) and		6/2017	
Kwentor's Signature	6.8			Date		
Jacob	Lum					
First/Middle Name	Last Name					
- Nava Maria				10/4	6/2017	
Inventor's Signature				Date		
Jeremy	Sells		* .			
First/Middle Name	Last Name					
Rev 8/2014 (Assignment)		Page	1 of 2			

HP Inc. 3390 E. Harmony Road Mail Stop 35

PATENT APPLICATION

Fort Collins, Colorado 80528		RECORD ID: 84669158				
100	ASSIGNMENT OF PATENT APPLICATION (cont.)					
They		Oct 16,2016				
nventor's Signature		Date				
5i-lam	Choy					
First/Middle Name	Last Name					
inventor's Signature		Date				
First/Middle Name	Last Name					
nventor's Signature		Date				
First/Middle Name	Last Name					
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First/Middle Name	Last Name					

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Rev 8/2014 (Assignment)

RECORDED: 02/20/2020