506083186 05/29/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MICHAEL W. CUMBIE	11/15/2018
CHIEN-HUA CHEN	11/15/2018

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:	16768553

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.

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Correspondent Name: HP INC.

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ATTORNEY DOCKET NUMBER:	85887989
NAME OF SUBMITTER:	WESLEY L. AUSTIN
SIGNATURE:	/Wesley L. Austin/
DATE SIGNED:	05/29/2020

Total Attachments: 2

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> **PATENT REEL: 052796 FRAME: 0879** 506083186

Patent Office: US

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

RECORD ID:	85005946

ASSIGNMENT OF PATENT APPLICATION

i, the undersigned, for good and valuable consideration, the receipt of which is hereby acknowledged, agree to assign and transfer and hereby assign and transfer to HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., a Texas Limited Partnership having its principal place of business in Houston, Texas, (hereinafter "HPDC"), its successors, and its assigns, my entire right, title, and interest, including all rights of priority, in. to, and under an application for patent entitled (English-language title in parentheses if said application for patent is in another language):

TWO-STEP MOLDING FOR A LEAD FRAME

Filing Date: 16 November 2018

of said Applications for Patent or said Patents.

Application No.: the subject matter, including any and all inventions, improvements, and discoveries, set forth in said application for patent (as used herein "patent" refers to any form of intellectual property protection including, without limitation, invention rights, utility patent rights, design rights, and utility model rights) (hereinafter "Inventions"); any and all existing and future applications for patent of any country or region or under any international agreement for any of said Inventions (including, without limitation, said application for patent, any and all applications for patent directly or indirectly claiming priority to or benefit of any application for patent for any of said Inventions, any and all applications for patent from which any application for patent for any of said Inventions directly or indirectly claims priority or benefit, and any and all continuation applications of, continuation-in-part applications (hereinafter CIPs) of, divisional applications of, national-phase applications of, regional-phase applications of, renewals of, and substitutes for any application for patent for any of said Inventions) (hereinafter "Applications for Patent"); any and all patents which may be grarited on or as a result of said Applications for Patent (hereinafter "Patents"); and any and all reissues, reexaminations, and extensions

PCT/US2018/061597

I HEREBY represent that I convey my full rights in all countries and regions and under all international agreements to the entire right, title, and interest herein assigned and transferred, and that I have not executed and will not execute any agreement in conflict herewith;

AND I HEREBY authorize HPDC, its successors, its assigns, its nominees, and its legal representatives to file said Applications for Patent in its name or in my name in any country or region or under any international agreement, and further authorize HPDC, its successors, its assigns, its nominees, and its legal representatives to insert the filing date, application number, and patent office of said application for patent, now identified by the Record ID and title set forth above, when known to

AND I HEREBY authorize and request the officials of all countries and regions and under all international agreements whose duty it is to issue patents, to issue to HPDC, its successors, or its assigns, as assignee of my entire right, title, and interest, said Patents, in accordance with the terms of this assignment and transfer,

AND I HEREBY covenant and agree that I 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 fille in said inventions, Applications for Palent, and Patents, to HPDC, its successors, or its assigns; communicate to HPDC, its successors, its assigns, its naminees, or its legal representatives, all known facts respecting said inventions, Applications for Patent, and Patents; testify in any legal or administrative proceedings and sign all lawful papers (including, without limitation, divisional applications, continuation applications, CIPs, and reissue applications) relating to said inventions, Applications for Patent, and Patents, and make all rightful paths and declarations and generally to do everything possible to aid HPDC, its successors, its assigns, its nominees, and its legal representatives to obtain, maintain, and enforce, for its or their own benefit, proper intellectual property protection for said Inventions, Applications for Patent. and Patents, provided the expenses which may be incurred by me in lending such cooperation and assistance are paid by HPDC. its successors, its assigns, its nominees, or its legal representatives.

IN WITNESS WHEREOF, I hereunto get my hand and seal:	15		20/8
Inventor's Signature	Day	Month	Year
Michael W Cumbie			
Given (First and Middle) Name(s) Family Name			

Rev 8/2018 (HPDC Assignment)

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

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I, the undersigned, for good and valuable consideration, the receipt of which is hereby acknowledged, agree to assign and transfer and hereby assign and transfer to HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., a Texas Limited Partnership having its principal place of business in Houston, Texas, (hereinafter "HPDC"), its successors, and its assigns, my entire right, title, and interest, including all rights of priority, in, to, and under an application for patent entitled (English-language title in parentheses if said application for patent is in another language):

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Filling Date:	16 November 2018	Application No.:	PCT/US2018/061597	Patent Office:	US ;
herein "patent" design rights, country or regi patent, any an said invention indirectly daim of, divisional a application for on or as a res	refers to any form of intellecturand utility model rights) (here ion or under any international and all applications for patent dings, any and all applications for patent for priority or benefit, and any applications of, national-phase patent for any of said inventions.	al property protection inclu- sinafter "Inventions"); any agreement for any of said I ectly or indirectly claiming patent from which any all nd all continuation applicat applications of, regional-p- ins) (hereinafter "Applications");	discoveries, set forth in said app ding, without limitation, invention and all existing and future app nventions (including, without lim priority to or benefit of any appli pplication for patent for any of ions of, continuation-in-part app hase applications of, renewals a ns for Patent"); any and all pate and any and all reissues, reexa	i rights, utility pater ilications for patent ilitation, sald applica cation for patent fo sald Inventions dir ilications (hereinafte of, and substitutes ents which may be	nt rights, at of any ation for any of rectly or er CIPs) for any granted
I HEREB entire right, titl conflict herewi	e, and interest herein assigned	full rights in all countries a I and transferred, and that	and regions and under all interr I have not executed and will not	national agreement execute any agree	s to the ement in
Applications for authorize HPI	or Patent in its name or in my DC, its successors, its assign	y name in any country or s, its nominees, and its i	its nominees, and its legal re region or under any internation egal representatives to insert to by the Record ID and title set fo	nal agreement, and the filing date, app	further olication
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such papers a HPDC, its such all known facts and sign all if applications) if generally to do maintain, and	as may be necessary or desir cessors, or its assigns; commu s respecting said Inventions, A awful papers (including, with relating to said Inventions, App o everything possible to aid HP enforce, for its or their own ber	able to perfect the title in nicate to HPDC, its succes pplications for Patent, and out limitation, divisional a plications for Patent, and I PDC, its successors, its assentit, proper intellectual pro-	t is made, and without undue de said inventions, Applications for sors, its assigns, its nominees, or patents; testify in any legat or applications, continuation applications, and make all rightful or signs, its nominees, and its legat perty protection for said thrention and ing such cooperation and assigns, such cooperation and assigns.	or Patent, and Patent its legal represer administrative processions. CIPs, and aths and declarative to populations for applications for as, Applications for	ents, to ntatives, eedings reissue ons and obtain, Paient,

Inventor's Signature Day Month

inventor s alguarare

Chien-Hua Chen
Given (First and Middle) Name(s) Family Name

its successors, its assigns, its nominees, or its legal representatives.

IN WITNESS WHEREOF, I hereunto set my hand and seal:

Rev 8/2018 (HPDC Assignment)

PATENT

REEL: 052796 FRAME: 0881