PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ABU BAKER	06/13/2019
HOSUP CHUNG	06/13/2019
TONY MOON	06/12/2019

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:	17295026

CORRESPONDENCE DATA

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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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HP INC. **Correspondent Name:**

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ATTORNEY DOCKET NUMBER:	86016120
NAME OF SUBMITTER:	CARRIE A. MILANO
SIGNATURE:	/Carrie A. Milano/
DATE SIGNED:	05/18/2021

Total Attachments: 3

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PATENT REEL: 056280 FRAME: 0450 506669921

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

PATENT APPLICATION

RECORD ID: 85732850

ASSIGNMENT OF PATENT APPLICATION

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having its princip and interest, incli	by assign and transfer to l al place of business in Spi	ible consideration, the rece HEWLETT-PACKARD DEV ring, Texas, (hereinafter "H n, to, and under an applicati nguage):	ELOPME PDC"), ils	NT COMPANY, L.P., a successors, and its as:	Texas Limited Partnership signs, my entire right, title.
BIOMETRIC SE	NSOR CONTROLS				
Filing Date:	14 Jun 2019	Application No.: _	PCT	/US2019/037160	Patent Office: <u>US;</u>
design rights, an country or region patent, any and a said Inventions, a indirectly claims pof, divisional app application for pa on or as a result	ters to any form of intellect dutility model rights) (he or under any international ill applications for patent dany and all applications for proving or benefit, and any ilications of, national-phase tent for any of said inventional-phase tent for any	entions, improvements, and ual property protection inclureinafter "Inventions"); any agreement for any of said irectly or indirectly claiming or patent from which any a and all continuation applicate applications of, regional-rons) (hereinafter "Patents"); ts.	iding, with and all e Invention priority to pplication tions of, co phase appons for Pa	nout limitation, invention existing and future applies (including, without lime or benefit of any applies for any of secontinuation-in-part applies) ications of, renewals content"); any and all pate of the continuation of the content of the conte	rights, utility patent rights, lications for patent of any itation, said application for cation for patent for any of said inventions directly or ications (hereinafter CIPs) of, and substitutes for any nts which may be granted.
I HEREBY re entire right, title, a conflict herewith;	epresent that I convey my and interest herein assigne	full rights in all countries d and transferred, and that	and regio I have no	ns and under all intern t executed and will not	ational agreements to the execute any agreement in
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IN WITNESS	WHEREOF, I hereunto se	et my hand and seal;			
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Inventor's Signatu	-		Day [.]	Month	Year
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Creati (i. irat brita ivili	ddle) Name(s) Family N	raine			

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

PATENT APPLICATION												
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RECORD	ID:	85732	850	

ASSIGNMENT OF PATENT APPLICATION

having its principa	by assign and tra Il place of busine ding all rights of	insfer to HEWLI ess in Spring, Te priority, in, to, a	ETT-PACKARD DE exas, (hereinafter "l nd under an applica	VELOPMEN HPDC"), its s	T COMPANY, L.P., a successors, and its as	edged, agree to assign and a Texas Limited Partnership assigns, my entire right, title, anguage title in parentheses
BIOMETRIC SEI	NSOR CONTRO	DLS			•	
Filing Date:	14 Jun 201	9	Application No.:	PCT/U	S2019/037160	Patent Office: US
herein "patent" refe design rights, and country or region of patent, any and all said Inventions, as indirectly claims prof, divisional appli- application for pate	ers to any form of utility model right or under any inteller applications for any and all appliciority or benefit, cations of, natioent for any of saf said Applicatio	of intellectual programs) (hereinafternational agreement directly catlons for paternational and and and and and and and inventions) (ins for Patent (his for P	operty protection incer "Inventions"); an ment for any of sal- or indirectly claimin int from which any I continuation applications of, regional hereinafter "Applica	eluding, without all extended all extended all extended application cations of, compared applications for Patitions for Patitions for Patitions all extended applications for Patitions for Patitions all extended applications for Patitions fo	out limitation, invention invention and future appured including, without linus benefit of any appured for patent for any of the inventional appured in a partions of, renewals ent"); any and all patents in the inventions of the invention in the inven	plication for patent (as used in rights, utility patent rights, plications for patent of any nitation, said application for lication for patent for any of said Inventions directly or plications (hereinafter CIPs) of, and substitutes for any ents which may be granted aminations, and extensions
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IN WITNESS	WHEREOF, I he	reunto set my h	nand and seal:			
ho-su	p chung		•	13	June	2019
Inventor's Signatur	е			Day	Month	Year
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Given (First and Mid	idle) Name(s)	Family Name	•			

Rev 8/2018 (HPDC Assignment)

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ASSIGNMENT OF PATENT APPLICATION

I, the undersigned, for good and valuable consideration, the receipt of which is hereby acknowledged, agree to assign and assert and hereby assign and transfer to HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., a Texas Limited Partnership

BIOMETRIC S	SENSOR CONTROLS				
Filing Date:	14 Jun 2019	Application No.:	PCT/U	JS2019/037160	Patent Office: US
herein "patent" design rights, a country or regio patent, any and said Inventions indirectly claims of, divisional application for pon or as a resu	ter, including any and all inverefers to any form of intellection or under any international all applications for patent of any and all applications for prictions of any and all applications for prictions of, any and all applications for prictions of, national-phase patent for any of said Inventity of said Applications for Patent or said Patentons for P	tual property protection inc reinafter "Inventions"); any I agreement for any of said irectly or indirectly claiming or patent from which any and all continuation applic e applications of, regional- ions) (hereinafter "Patents"	luding, with y and all ex l Inventions g priority to application ations of, co phase appl lons for Pai	out limitation, inventi xisting and future a (including, without in or benefit of any ap for patent for any of continuation-in-part a lications of, renewal tent"); any and all pa	on rights, utility patent righ pplications for patent of a imitation, said application plication for patent for any of said Inventions directly pplications (hereinafter CIF s of, and substitutes for a atents which may be grant
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PATENT REEL: 056280 FRAME: 0453

RECORDED: 05/18/2021