# 506407063 12/16/2020

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
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PRATIK PRAVINKUMAR SHAH	08/23/2018

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## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	17252867

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DATE SIGNED:	12/16/2020

**Total Attachments: 2** 

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PATENT 506407063 REEL: 054790 FRAME: 0451

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

PATENT APPLICATION

RECORD ID:	84977788

# ASSIGNMENT OF PATENT APPLICATION

and in furtherance of my/our Limited Partnership having its subsidiaries and affiliates, agre	obligations to HEW principal place of to assign and trans	LETT-PACKARD DE business in Houstor ifer and hereby assign	VEL	peipt of which is hereby acknowledged, OPMENT COMPANY, L.P., a Texas exas, (hereinafter HPDC), and to its I transfer to HPDC, its successors and o and under an application for Patent
CONTACT PADS FOR A PRIN	IT PARTICLE REPL	ENISHMENT DEVICE	:	
Filing Date: August 30, 201	8	Application I	No.:	PCT/US2018/048843
divisionals, and renewals of and	d substitutes for said	application for said F	aten	inuations, continuations-in-part (C-I-P's) t, and any and all other Patent of any or reexaminations, or extensions of said
by HPUC, its successors, assign	is, nominees or legal ted, reissued or exter	representatives, to the nded, as fully and entire	full	nt in any country, to be held and enjoyed end of the term or terms for which said as the same would have been held and
executed and will not execute an time a request is made, and with perfect the title to said invention( nominees or legal representative said invention(s) or improvement papers, to execute all disclaime rightful oaths and declarations, ar legal representatives to obtain a	ly agreement in confli- out undue delay, exect s) or improvement(s), s, and i/we agree to co (s), said application a lins and divisionals, co and generally to do eve and enforce, for its or untries provided the ex	ot herewith, and I/we full the full such said application and site of application and site of application and site of a said Patent, to testion the full possible to aid the full their own benefit, pro-	irthein par aid Porto orto eissu HPDo per o	It herein assigned, and that I/we have not covenant and agree that I/we will, each pers as may be necessary or desirable to latent, to HPDC, its successors, assigns to its nominee, all known facts respecting any legal proceedings, to sign all lawfulle and foreign applications, to make all C, its successors, assigns, nominees and patent protection for said invention(s) or red by me/us in lending such cooperation
applications as aforesaid, to issu	ie to HPDC, as assigi which may be issuer	nee of the entire right.	title	ies whose duty it is to issue patents on and interest, any and all Patent for said result of the application aforesaid, in
I/we further authorize and application for Patent, now identif known to them.	direct the attorneys of ied by the Record ID	of record to insert the and title set forth above	filin ₃, as	g date and application number of said soon as the same shall have been made
IN WITNESS WHEREOF, I/V	ve hereunto set mv/	our hand(s) and seal(	(s):	
AND Chik				1. 24·2018
Inventor's Signature	Accessors			
Analy Distra	entro de			
Andy Philip First/Middle Name	Chick Last Name			
The mode race	cast regine			
Inventor's Signature		Da	te	
Pratik Pravinkumar	Shah			
First/Middle Name	Last Name	Antholic de la displacación de la companya de la c		
Rev 8/2014 (Assignment)		Page 1 of 1		

**PATENT REEL: 054790 FRAME: 0452** 

IHP Inc.	~~}
3390 E. Harmony Road	
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Fort Collins, Colorado 8053	8

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RECORD ID:	84977788

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and in furtherance of my/ou Limited Partnership having it subsidiaries and affiliates, agr	r obligations to HEWLET ts principal place of but ee to assign and transfer	consideration, the receipt of which is hereby a -PACKARD DEVELOPMENT COMPANY, I ness in Houston, Texas, (hereinafter HPDC nd hereby assign and transfer to HPDC, its so right of priority, in, to and under an applicat	L.P., a Texas C), and to its uccessors and
CONTACT PADS FOR A PRI	NT PARTICLE REPLENI	HMENT DEVICE	
Filing Date: August 30, 20	18	Application No.: PCT/US2018/04884	.3
and the invention(s) and impro	wement(s) set forth therein	and any and all continuations, continuations-in ication for said Patent, and any and all other e; and any reissues, or reexaminations, or ext	n-part (C-I-P's), Patent of any
hy HPDC, its successors, assis	gns, nominees or legal rep inted, reissued or extende	my/our name for Patent in any country, to be he seentatives, to the full end of the term or terms as fully and entirely as the same would have n made;	for which said
executed and will not execute a time a request is made, and wit perfect the title to said invention nominees or legal representative said invention(s) or improvement papers, to execute all disclaim rightful paths and declarations, it legal representatives to obtain	any agreement in conflict he hout undue delay, execute h(s) or improvement(s), sai- res, and i/we agree to com- nt(s), said application and e hers and divisionals, continuant and generally to do everyth and enforce, for its or the countries provided the exper	invey the entire interest herein assigned, and the lewith, and I/we further covenant and agree that ind deliver all such papers as may be necessary application and said Patent, to HPDC, its succe unicate to HPDC, or to its nominee, all known to sid Patent, to testify in any legal proceedings, to attions, C-I-P's, reissue and foreign application g possible to aid HPDC, its successors, assigns own benefit, proper patent protection for said es which may be incurred by me/us in lending st	t I/we will, each ror desirable to essors, assigns, acts respecting o sign all lawful as, to make all , nominees and invention(s) or
applications as aforesaid to is:	sue to HPDC, as assignee I which may be issued a	any country or countries whose duty it is to is of the entire right, title and interest, any and all digranted on or as a result of the application	Patent for said
i/we further authorize and application for Patent, now iden known to them.	I direct the attorneys of r tified by the Record ID and	cord to insert the filing date and application in the set forth above, as soon as the same shall h	number of said ave been made
IN WITNESS WHEREOF, I	/we hereunto set my/ou	nand(s) and seal(s):	
Inventor's Signature	manning and the second	Date	
Andy Philip	Chick		
First/Middle Name	Last Name	08/23/2018	
Inventor's Signature	and and read which a section is a second and an experience of the second and an experience	Date	
Pratik Pravinkumar	Shah		

Page 1 of 1

Last Name

**PATENT REEL: 054790 FRAME: 0453** 

**RECORDED: 12/16/2020** 

First/Middle Name

Rev 8/2014 (Assignment)