#### 507614114 11/23/2022

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT7661007 Stylesheet Version v1.2

**SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT** 

#### **CONVEYING PARTY DATA**

Name	Execution Date
DANIEL C. TANCHANGCO	04/07/2020
BIN HUANG	04/07/2020
MINEDYS MACIAS GUZMAN	04/07/2020

### **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:	17913381

### 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.

(541)360-4450 Phone: Email: ipa.mail@hp.com

HP INC. **Correspondent Name:** 

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

ATTORNEY DOCKET NUMBER: 86185235 JULIA CHURCH DIERKER NAME OF SUBMITTER: SIGNATURE: /Julia Church Dierker, Reg. No. 33368/ **DATE SIGNED:** 11/23/2022

## **Total Attachments: 3**

source=HPC1255AUS 86185235 Assignment Executed#page1.tif source=HPC1255AUS 86185235 Assignment Executed#page2.tif source=HPC1255AUS 86185235 Assignment Executed#page3.tif

PATENT **REEL: 061865 FRAME: 0173** 507614114

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

RECORD I	D:	85863004

### **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 Spring, 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):

and interest, including all rights of priority, in if said application for patent is in another land		ation for pate	nt entitled (English	-language title in parentheses
Cleaner Rollers and Cleaning Electrop	notographic Photocor	ductors		
Filing Date: April 8, 2020	Application No.:	PCT/US20	020/027283	Patent Office: US ;
the subject matter, including any and all inventerein "patent" refers to any form of intellection design rights, and utility model rights) (her country or region or under any international patent, any and all applications for patent disaid Inventions, any and all applications for indirectly claims priority or benefit, and any any of, divisional applications of, national-phase application for patent for any of said Invention or as a result of said Applications for Patent or said Applications for Patent	ual property protection inceinafter "Inventions"); ar agreement for any of sa rectly or indirectly claimir r patent from which any and all continuation applications of, regional (hereinafter "Applicatent (hereinafter "Patents	cluding, without all exited and all exited a	out limitation, inventisting and future a (including, without or benefit of any a for patent for any ontinuation-in-part a ications of, renewalent"); any and all p	tion rights, utility patent rights, applications for patent of any limitation, said application for pplication for patent for any of of said Inventions directly or applications (hereinafter CIPs) als of, and substitutes for any patents which may be granted
I HEREBY represent that I convey my entire right, title, and interest herein assigned conflict herewith;				
AND I HEREBY authorize HPDC, its Applications for Patent in its name or in m authorize HPDC, its successors, its assign number, and patent office of said application them;	y name in any country ns, its nominees, and it	or region or s legal repre	under any interna esentatives to inse	tional agreement, and further ert the filing date, application
AND I HEREBY authorize and request duty it is to issue patents, to issue to HPDC Patents, in accordance with the terms of this	, its successors, or its as	ssigns, as as		
AND I HEREBY covenant and agree the such papers as may be necessary or desi HPDC, its successors, or its assigns; communall known facts respecting said Inventions, And sign all lawful papers (including, with applications) relating to said Inventions, Apgenerally to do everything possible to aid HI maintain, and enforce, for its or their own behand Patents, provided the expenses which mits successors, its assigns, its nominees, or its	rable to perfect the title unicate to HPDC, its succeptions for Patent, a out limitation, divisional plications for Patent, an PDC, its successors, its inefit, proper intellectual phay be incurred by me in	in said Invecessors, its a nd Patents; applications d Patents; a assigns, its reporty protes	entions, Application ssigns, its nomine testify in any legal s, continuation ap nd make all rightfu tominees, and its le ection for said Invel	is for Patent, and Patents, to es, or its legal representatives, or administrative proceedings plications, CIPs, and reissue all oaths and declarations and egal representatives to obtain, ntions, Applications for Patent,
IN WITNESS WHEREOF, I hereunto se	et my hand and seal:			
/Daniel C. Tanchangco/		7th	April	2020
Inventor's Signature		Day	Month	Year
Daniel Tancha	<del>-</del>			
Given (First and Middle) Name(s) Family I	Name			

Rev 8/2018 (HPDC Assignment)

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

RECORD	ID:	85863004

### 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

and interest, i		/, in, to, and under an applica			assigns, my entire right, title, language title in parentheses
Cleaner Rol	lers and Cleaning Elect	rophotographic Photocon	ductors		
Filing Date:	April 8, 2020	Application No.:	PCT/US2	020/027283	Patent Office: US ;
herein <sup>f</sup> patent design rights, country or reg patent, any ar said Inventior indirectly clair of, divisional s application for on or as a res	"refers to any form of intel and utility model rights) gion or under any internation all applications for pater as, any and all application as priority or benefit, and a applications of, national-ph r patent for any of said Inv	lectual property protection ind (hereinafter "Inventions"); an nal agreement for any of sai at directly or indirectly claimir is for patent from which any ny and all continuation applicates ase applications of, regiona entions) (hereinafter "Applica Patent (hereinafter "Patents	cluding, with y and all ex d Inventions ag priority to application cations of, co I-phase applitions for Pal	out limitation, invent disting and future a (including, without or benefit of any ap for patent for any ontinuation-in-part a lications of, renewal tent"); any and all p	application for patent (as used tion rights, utility patent rights, applications for patent of any limitation, said application for oplication for patent for any of of said Inventions directly or applications (hereinafter CIPs) its of, and substitutes for any atents which may be granted examinations, and extensions
	le, and interest herein assi				ernational agreements to the not execute any agreement in
Applications f authorize HP	or Patent in its name or i DC, its successors, its as	n my name in any country e signs, its nominees, and its	or region or s legal repre	under any internat esentatives to inse	representatives to file said ional agreement, and further it the filing date, application to forth above, when known to
duty it is to is:	sue patents, to issue to HF		signs, as as		ernational agreements whose e right, title, and interest, said
such papers HPDC, its suc all known fact and sign all applications) generally to d maintain, and	as may be necessary or occessors, or its assigns; considered respecting said invention lawful papers (including, relating to said inventions, o everything possible to ail enforce, for its or their own provided the expenses whi	desirable to perfect the title mmunicate to HPDC, its success, Applications for Patent, a without limitation, divisional Applications for Patent, and HPDC, its successors, its a benefit, proper intellectual p	in said Investessors, its a nd Patents; applications d Patents; a assigns, its roperty prote	entions, Applications ssigns, its nominee testify in any legal s, continuation app nd make all rightfu nominees, and its le ection for said Inven	delay, execute and deliver all so for Patent, and Patents, to so, or its legal representatives, or administrative proceedings olications, CIPs, and reissue I oaths and declarations and agal representatives to obtain, itions, Applications for Patent, assistance are paid by HPDC,
IN WITN	IESS WHEREOF, I hereun	io set my hand and seal:			
/Bin Huar	ng/		07	04	2020
Inventor's Sig			Day	Month	Year
Bin Huang					
Given (First ar	nd Middle) Name(s) Fan	nily Name			

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

RECORD	ID:	85863004

#### 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 Spring, 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): Cleaner Rollers and Cleaning Electrophotographic Photoconductors Application No.: PCT/US2020/027283 Filing Date: April 8, 2020 Patent Office: US ; 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 granted on or as a result of said Applications for Patent (hereinafter "Patents"); and any and all reissues, reexaminations, and extensions of said Applications for Patent or said Patents. 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 title in said Inventions, Applications for Patent, and Patents, to HPDC, its successors, or its assigns; communicate to HPDC, its successors, its assigns, its nominees, 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 oaths 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 set my hand and seal: /Minedys Macias/ Inventor's Signature Macias Guzman Minedys Given (First and Middle) Name(s) **Family Name** 

Rev 8/2018 (HPDC Assignment)

**PATENT** REEL: 061865 FRAME: 0176

RECORDED: 11/23/2022