#### 506456907 01/19/2021

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 EPAS ID: PAT6503678

Stylesheet Version v1.2

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
LAVI COHEN	10/02/2018
MICHAEL VINOKUR	10/02/2018
ASAF SHOSHANI	10/02/2018

#### **RECEIVING PARTY DATA**

Name:	Hewlett-Packard Development Company, L.P.		
Street Address:	0300 Energy Drive		
City:	Spring		
State/Country:	TEXAS		
Postal Code:	77389		

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number			
Application Number:	17261518			

#### 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.

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

**Correspondent Name:** HP INC.

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

ATTORNEY DOCKET NUMBER:	85971482
NAME OF SUBMITTER:	CARRIE A. MILANO
SIGNATURE:	/Carrie A. Milano/
DATE SIGNED:	01/19/2021

## **Total Attachments: 2**

source=85971482\_Executed\_Assignment#page1.tif source=85971482 Executed Assignment#page2.tif

**PATENT REEL: 054957 FRAME: 0660** 506456907

SP Inc.	*****
3390 E. Harmony Road	
Mail Stop 35	
Fort Collins, Colorado 809	128

PATENT APPLICATION

RECORD ID:	85005234

#### 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 mylour obligations to HEWLETT-PACKARO 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

#### **CLEANING OF PRINT APPARATUS COMPONENTS**

Filing Date:	Sept	tembe	r 17, 201	8	i mandani (	App	lication No.	F	PCT/U	S20	18/0	51340	
and the second	4.0			and the second second				25.0				the second of	4.00

and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part (C-I-P's), divisionals, and renewals of and substitutes for said application for said Patent, and any and all other Patent of any countries thereto which may be granted thereon or therefore; and any reissues, or reexaminations, or extensions of said Patent.

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 live 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 some all lawful papers, to execute sit disclaimers and divisionals, continuations, C-LP's, reissue and foreign applications, to make all rightful paths 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 melus in landing such cooperation and assistance are paid by HPDC;

AND time hereby suthorize and request the official of any country or countries whose duty it is to issue patents on applications as afcresaid, 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 afcresaid, in accordance with the terms of this assignment.

I/we further authorize and direct the attorneys of settord to insert the filing date and application number of said application for Patent, now identified by the Record IF and title set forth above, as soon as the same shall have been made known to them.

IN WITNESS WHEREOF, I/we hereunito set my/our hand(s) and seal(s):

| 22-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-047-2018 |
| 102-0

PATENT REEL: 054957 FRAME: 0661

i#P inc.	
3330 E. Harn	iony Road
Mail Stop 35	
Fort Collins, 6	Jolovad <b>o 805</b> 23

## PATENT APPLICATION

e cel Carrie Ceranico <b>eus</b> co		RECORD ID: 85005234					
<b>.</b>	ASSIGNMENT OF PATENT APPLICATION (cont.)						
202A		021/0/18					
Inventors Signature		Date					
Asaf	Shoshani	productive.					
First/Midale Name	Last Name						
Inventor's Signature		Date					
First/Middle Name	East Name						
inventor's Signature		Date					
Fist Middle Name	Last Name	ggiorne.					
inventor's Signature		Date					
First/Middle Name	Last Name						
loventor's Signature							
Füst/Middle Name	£ast <b>N</b> ame						
Inventor's Signature		Date					
First/Widdle Name	Last Namo	nainan.					

Page 2 of 2

**PATENT** REEL: 054957 FRAME: 0662 RECORDED: 01/19/2021

Rev 8/9914 (Assignment)