#### 506477047 01/29/2021

# PATENT ASSIGNMENT COVER SHEET

EPAS ID: PAT6523823

Electronic Version v1.1 Stylesheet Version v1.2

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

#### **CONVEYING PARTY DATA**

Name	Execution Date
ALEXANDER GOVYADINOV	05/21/2010
ERIK TORNIAINEN	05/24/2010
DAVID P MARKEL	05/24/2010

## **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:	17065831

## 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

HP INC. **Correspondent Name:** 

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

ATTORNEY DOCKET NUMBER: 85947693 NAME OF SUBMITTER: JESSICA PAZDAN SIGNATURE: /JESSICA PAZDAN/ **DATE SIGNED:** 01/29/2021

**Total Attachments: 3** 

506477047

source=85947693#page1.tif source=85947693#page2.tif source=85947693#page3.tif

> **PATENT** REEL: 055078 FRAME: 0887

HEWLETT-PACKARD COMPANY Intellectual Property Administrator 3404 E. Harmony Road Mail Stop 35 Fort Collins, Colorado 80628

PATENT APPLICATION

ATTORNEY DOCKET NO. 85947693

#### ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned (each) have agreed and hereby agree to assign to HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., a Texas Limited Partnership having its principal place of business in Houston, Texas, (hereinafter HPDC), in furtherance of my/our obligations to the Hewlett-Packard Company and its subsidiaries and affiliates, and do 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 Letters Patent of the United States

entitled: FLUID EJECTION DEVICE INCLUDING RECIRCULATION SYSTEM Filing Date: May 21, 2010 Application No.: PCT/US2010/035697 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 Letters Patent, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefore; and any reissues, or reexaminations, or extensions of said Letters Patent. I/we additionally authorize HPDC to file applications in my/our name for Letters 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 Letters 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 I/we 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 Letters 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 Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisionals, continuations, C-I-P'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 me/us in lending such cooperation and assistance are paid by HPDC; AND I/we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to HPDC, as assignee of the entire right, title and interest, any and all Letters Patent for said invention(s) or improvement(s), including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment. I/we further authorize and direct the attorneys of record to insert the serial number and filling date of said application now identified by the attorney docket number and title set forth above as soon as the same shall have been made known to them by the United States Patent and Trademark Office. Alexander GOVYADINOV Inventor's Typed Name Inventor's Signature Date Assignment Signed Enk D. TORNIAINEN Date Application Signed inventor's Typed Name

Rev 10795 (Assignment)

Page 1 of 2

HEWLETT-PACKARD COMPANY	
Intellectual Property Administrator	
3404 E. Harmony Road	
Mail Stop 35	
Fort Collins, Colorado 80528	

PATENT APPLICATION

ATTORNEY DOCKET NO. \_\_\_

#### ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned (each) have agreed and hereby agree to assign to HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., a Texas Limited Partnership having its principal place of business in Houston, Texas, (hereinafter HPDC), in furtherance of my/our obligations to the Hewlett-Packard Company and its subsidiaries and affiliates, and do 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 Letters Patent of the United States entitled:

Filing Date:

Application No.:
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 Letters Patent, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefore; and any reissues, or reexaminations, or extensions of said Letters Patent.

I/we additionally authorize HPDC to file applications in my/our name for Letters 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 Letters 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 I/we 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 destrable to perfect the title to said invention(s) or improvement(s), said application and said Letters 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 Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisionals, continuations, C-I-P's, reissue and foreign applications, to make all rightful oaths 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 me/us in lending such cooperation and assistance are paid by HPDC:

AND I/we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to HPDC, as assignee of the entire right, title and interest, any and all Letters Patent for said invention(s) or improvement(s), including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

I/we further authorize and direct the attorneys of record to insert the serial number and filing date of said application now identified by the attorney docket number and title set forth above as soon as the same shall have been made known to them by the United States Patent and Trademark Office.

Inventor's Signature	Date Assignment Signed
Alexander GOVYADINOV	
Inventor's Typed Name	Date Application Signed
Eil P. =	5 Lu Lie
Inventor's Signature	Date Assignment Signed
Érik D. TÖRNIAINEN	5/24/10
Inventor's Typed Name	Date Application Signed

Rev 10/09 (Assignment)

Page 1 of 2

HEWLETT-PACKARD COMPANY intelectual Property Administrator 3404 E. Harmony Road Mai: Stop 35

## PATENT APPLICATION

Mail Stop 35	ATTORNEY DOCKET NO.				
Fort Collins, Colorado 80528  ASSIGNMENT OF PATENT APPLICATION (cont.)					
Bains Mace					
Inventor's Signature	Date Assignment Signed				
David P. MARKEL	5/54/5016 Date Application Signed				
Inventor's Typed Name	Date Application Signed				
eventor's Signature	Data Assignment Signad				
inventor's Types Name	Date Application Signed				
inventor's Signature	Date Assignment Signed				
Inventor's Typed Name	Dats Application Signed				
inventor's Synature	Date Assignment Signed				
Inventor's Typed Name	Date Application Signed				
Inventor's Signature	Date Assignment Signed				
Inventor's Typed Name	Date Application Signed				
Inventor's Signature	Date Assignment Signed				
Inventor's Typed Name	Date Application Signed				

Page 2 of 2

PATENT REEL: 055078 FRAME: 0890

Ray 10/09 (Assignment)