

PCT

GENERAL POWER OF ATTORNEY

(for several international applications filed under the Patent Cooperation Treaty)

(PCT Rule 90.5)

The undersigned person(s) :

(Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)

HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.
11445 Compaq Center Drive W.
Houston, TX 77070
US

hereby appoint(s) the following person as:

agent

common representative

Name and address

(Family name followed by given name; for a legal entity, full official designation. The address must include postal code and name of country.)

See attached page 3 for list of names. All appointed agents have the same address:

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

to represent the undersigned before

all the competent International Authorities

the International Searching Authority only

the International Preliminary Examining Authority only

in connection with any and all international applications filed by the undersigned with the following Office

United States Patent and Trademark Office

as receiving Office

and to make or receive payments on behalf of the undersigned.

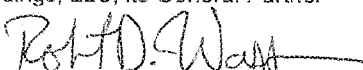
This Power of Attorney supercedes any previous Power of Attorney and may be revoked by Hewlett-Packard Development Company, L.P., at any time.

Signature(s) (where there are several persons, each of them must sign; next to each signature, indicate the name of the person signing and the capacity in which the person signs, if such capacity is not obvious from reading this power.)

HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.

by: HPQ Holdings, LLC, its General Partner

by:



Robert D. Wasson
Chief Patent Counsel

Date: August 22, 2018

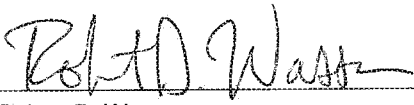
Attachment to PCT General Power of Attorney

**STATEMENT OF AUTHORITY TO SIGN
PCT GENERAL POWER OF ATTORNEY**

(for several international applications filed under the Patent Cooperation Treaty)
(PCT Rule 90.5)

The undersigned, Robert D. Wasson, hereby certifies that he has been empowered to execute the accompanying PCT General Power of Attorney on behalf of HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.

Please direct any questions you may have to the undersigned at the address and phone number below.

By: 
Robert D. Wasson

Dated: August 22, 2018

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

Telephone: +1 541 360 4450

Attachment to PCT General Power of Attorney
Agents Authorized for Hewlett-Packard Development Company, L.P.
Shown with USPTO Registration Number

Dated: August 22, 2018

US Practitioners	Reg. No.
CARTER, Daniel J.	72,493
COSTALES, Shruti	56,333
GARDINER, Austin William	70,394
HOOPE, Benjamin	63,493
JENNEY, Michael	73,307
KARNSTEIN, Walter W.	35,565
KO, Steve S.	58,757
LEMMON, Marcus B.	63,664
MAISAMI, Ceyda Azakli	67,530
MATHEW, Wilson T.	71,262
MORRIS, Jordan E.	68,263
PERRY, Garry A.	56,696
SEARLE, Benjamin M.	59,540
SORENSEN, C. Blake	60,108
SU, Benjamin	61,725
WASSON, Robert D.	40,218
WOODWORTH, Jeffrey C.	69,055