

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 addresses:

Hewlett-Packard Company
Intellectual Property Administration
3404 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

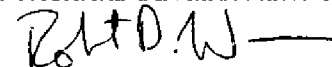
as receiving Office

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

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:



Robert D. Wasson
Director of Patents

Date:

19 March

2014

**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.

HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.

By: _____

Robert D. Wasson
Director of Patents

Dated: March 19 2014

Hewlett-Packard Company
Intellectual Property
Administration
3404 E. Harmony Road
Mail Stop 35
Fort Collins, CO 80528

Telephone: +1 360 640 2644

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

Dated: 19 Mar. 2014

ADEKUNLE, Olaolu Olubunmi 68,931
AKPALA, Romiwa C. 59,775
ANDERSON, Erik A. 37,583
AZAKLI MAISAMI, Ceyda 67,530
BELL, Scott 66,534
BRUSH, Robert M. 45,710
BURROWS, Sarah E. 59,017
CHANG, Marcia R. 60,261
COLLINS, David W. 26,857
COXE, Angela Mae 60,841
DeVITO, Victor 36,325
FEBBO, Michael A. 59,205
FERGUSON, Christopher Ward 59,809
GARDINER, Austin William 70,394
HA, Miranda J. 65,073
HABLINSKI, Reed 55,238
HAQ, M. Aamir 61,092
HARTMANN III, Kenneth R. 69,671
JAKOBSEN, Kraig A. 64,520

JONES, Michael D. 37,157
KARNSTEIN, Walter W. 35,565
KINCAID, David Kyle 68,336
KIRCHEV, Ivan T. 70,671
KUO, Chun-Liang 61,672
KUPETS, Mark J. 57,670
LEMMON, Marcus B. 63,664
McDOWELL, Robert 59,062
McKINNEY, Jack H. 45,685
MATHEW, Wilson T. 71,262
ORMISTON, Steven R. 35,974
ORTEGA, Arthur S. 53,422
PAGAR, Preetam B. 57,684
PATEL, Milin N. 62,768
PATEL, Neel K. 59,452
PERRY, Garry A. 56,696
PINKSTON, Caroline 60,722
POJUNAS, Scott A. 62,590
POSSETT, Ramya 59,597

RIETH, Nathan R. 44,302
ROSE, Curtis G. 32,057
SAGALEWICZ, Angela 56,113
SEARLE, Benjamin M. 59,540
SHOOKMAN, Jeb A. 67,793
SU, Benjamin 61,725
SU, Tsu-Shin G. 66,906
WADE, Matthew L. 42,206
WARD, Aaron S. 52,342
WASSON, Robert D. 40,218
WEBB, Steven L. 44,395
WOODS, Ariana 58,997