

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
SEQUENCE:	1

CONVEYING PARTY DATA

Name	Execution Date
HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	08/20/2014

RECEIVING PARTY DATA

Name:	HEWLETT-PACKARD COMPANY
Street Address:	3000 HANOVER STREET
City:	PALO ALTO
State/Country:	CALIFORNIA
Postal Code:	94304

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11881543

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)715-8443**Email:** ipa.mail@hp.com**Correspondent Name:** HEWLETT-PACKARD COMPANY**Address Line 1:** 3404 E. HARMONY ROAD MS 35**Address Line 2:** INTELLECTUAL PROPERTY ADMINISTRATION**Address Line 4:** FORT COLLINS, COLORADO 80528

ATTORNEY DOCKET NUMBER:	82232813
NAME OF SUBMITTER:	SUSAN CLARK
SIGNATURE:	/Susan Clark/
DATE SIGNED:	09/25/2014

Total Attachments: 5

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PATENT

PATENT ASSIGNMENT
HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.
TO
HEWLETT-PACKARD COMPANY

WHEREAS, HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., a limited partnership established under the laws of the State of Texas and having a principal place of business at 11445 Compaq Center Drive West, Houston, Texas 77070, U.S.A., (hereinafter "Assignor") is the legal title holder of the patents identified in the attached Schedule 1;

WHEREAS, HEWLETT-PACKARD COMPANY, a Delaware corporation, with its principal place of business at 3000 Hanover Street, Palo Alto, California, 94304, U.S.A. (hereinafter referred to as "Assignee") desires to acquire Assignor's entire right, title and interest, including the right of priority, in, to and under the patents in Schedule 1; and

NOW THEREFORE, in consideration of the mutual promises and covenants contained herein, Assignor and Assignee agree as follows:

Assignor assigns, transfers and conveys to Assignee the entirety of Assignor's right, title and interest, including, without limitation, the right of priority, in the patents identified in Schedule 1 (collectively referred to as "Patents"). Assignee shall have the right to sue, counterclaim and recover for past, present, and future infringement and collect any royalties to third parties, damages (including past damages), or other income relating to such Patents.

In connection with the foregoing, Assignor hereby authorizes the Commissioner of Patents and Trademarks of the United States and other empowered officials of the United States Patent and Trademark Office and/or the appropriate empowered officials in jurisdictions outside the United States to record the transfer of the Patents to Assignee as assignee of Assignor's right, title and interest therein, and to issue to Assignee all letters patent and other items referred to above which may issue with respect to the Patents in and outside the United States.

IN WITNESS WHEREOF, Assignor has caused this Assignment to be executed by its authorized representative. The authorized representative hereby declares that all statements made herein of his or her own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Codes and that such willful false statements may jeopardize the validity of any patents related thereto.

Hewlett-Packard Development Company, L.P.

By: Robert D. Wasson

Date: 20 Aug. 2014

Name: Robert D. Wasson

Title: Director of Patents

SCHEDULE I

Country	Filed Date	App No.	Grant Date	Patent No.
United States of America	27 Apr 2001	09/843895	24 Sep 2002	6454381
European Patent	17 Apr 2002	02728850.5	11 Jan 2006	1381517
Indonesia	17 Apr 2002	W00200302121	01 Aug 2005	0016216
India	17 Apr 2002	01419/KOLNP/2003	18 Jun 2008	221123
Japan	17 Apr 2002	2002-585208	29 May 2009	4316890
Korea, Republic of (KR)	17 Apr 2002	10-2003-7014017	04 Nov 2009	10-0926412-0000
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Norway	17 Apr 2002	20034779		
Philippines	17 Apr 2002	1-2003-501082	22 Aug 2007	1-2003-501082
Poland	17 Apr 2002	P-364418	25 Mar 2009	203149
Russian Federation	17 Apr 2002	2003134372	20 Sep 2006	2283772
Patent Cooperation Treaty	17 Apr 2002	PCT/US2002/012403		
Singapore	17 Apr 2002	200306228-8	29 Oct 2004	99753
South Africa	17 Apr 2002	2003-8278	24 Nov 2004	2003/8278
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Hungary	17 Apr 2002	P0400055	06 Sep 2007	225817
Hong Kong	17 Apr 2002	04101066.3	31 Mar 2006	1058336
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Belgium	17 Apr 2002	02728850.5	11 Jan 2006	1381517
Switzerland	17 Apr 2002	02728850.5	11 Jan 2006	1381517
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Germany (Federal Republic of)	17 Apr 2002	02728850.5	11 Jan 2006	60208670.1
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Spain	17 Apr 2002	02728850.5	11 Jan 2006	2252453
Finland	17 Apr 2002	02728850.5	11 Jan 2006	1381517
France	17 Apr 2002	02728850.5	11 Jan 2006	1381517
United Kingdom	17 Apr 2002	02728850.5	11 Jan 2006	1381517
Greece	17 Apr 2002	02728850.5	11 Jan 2006	3057284
Ireland (Republic of)	17 Apr 2002	02728850.5	11 Jan 2006	1381517
Italy	17 Apr 2002	02728850.5	11 Jan 2006	1381517
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Taiwan	26 Mar 2002	91105934	21 Apr 2004	584600
Australia	17 Apr 2002	2002258875	31 Jan 2008	2002258875
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China	17 Apr 2002	02812941.5	01 Oct 2008	02812941.5
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China	24 May 2002	200610079396.9	06 May 2009	200610079396.9
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United Kingdom	24 May 2002	02737162.4	17 Oct 2007	1406766
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United States of America	10 Mar 2003	10/384942	03 Aug 2004	6769757
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Greece	23 Jul 2008	08782263.1	08 Feb 2012	2170617
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Italy	23 Jul 2008	08782263.1	08 Feb 2012	2170617
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