#### 503155161 01/28/2015

# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT3201774

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
ROBERT ALAN ULICHNEY	07/27/2012
MATTHEW D GAUBATZ	07/27/2012
STEPHEN POLLARD	07/28/2012
STEVEN J SIMSKE	07/30/2012

#### **RECEIVING PARTY DATA**

Name:	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.
Street Address:	11445 COMPAQ CENTER DRIVE WEST
City:	HOUSTON
State/Country:	TEXAS
Postal Code:	77070

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

Property Type	Number
Application Number:	14414482

### 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.

(541)715-8443 Phone: Email: ipa.mail@hp.com

**Correspondent Name: HEWLETT-PACKARD COMPANY** 3404 E. HARMONY ROAD MS 35 Address Line 1:

Address Line 2: INTELLECTUAL PROPERTY ADMINISTRATION

Address Line 4: FORT COLLINS, COLORADO 80528

ATTORNEY DOCKET NUMBER:	84140079
NAME OF SUBMITTER:	DEBBIE SYRMIS
SIGNATURE:	/Debbie Syrmis/
DATE SIGNED:	01/28/2015

### **Total Attachments: 4**

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> **PATENT** REEL: 034832 FRAME: 0744 503155161

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PATENT REEL: 034832 FRAME: 0745

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RECORD ID:	83015016	(84140079)

#### **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 DOCUMENT COPY WITH DATA-BEARING HALFTONE IMAGE Jan 13, 2015 14/414482 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 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 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 Record ID 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. 7/27/2012 Date Assignment Signed Inventor's Signature Robert Alan Ulichney 7/27/2012 Inventor's Typed Name Date Application Signed Date Assignment Signed Inventor's Signature Matthew D. Gaubatz Date Application Signed Inventor's Typed Name

PATENT APPLICATION

RECORD ID:	83015016	(84140079

#### 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:

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: DOCUMENT COPY WITH DATA-BEARING HALFTONE IMAGE Jan 13, 2015 Filing Date: Application No.: 14/414482 and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part (C-l-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 tiwe 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, easigne, nominous and logal representatives to obtain and enforce, for its or their cwn 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 forcion 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 Record ID 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** Robert Alan Ulichney Inventor's Typed Name **Date Application Signed** Loulist Matthew D. Gaubatz Inventor's Typed Name

### PATENT APPLICATION

RECOR	

**83015016** (84140079)

### **ASSIGNMENT OF PATENT APPLICATION (cont.)**

Stoplen Www	28 - July 2012  Date Assignment Signed  28 July 2012
nventor's Signature	Date Assignment Signed
Stephen Pollard	28 1014 2012
nventor's Typed Name	Date Application Signed
Inventor's Signature	Date Assignment Signed
Steven J Simske	
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
P 200 (201 - 19-20   1 1 1 2 2 2	Date Application Signed
Inventor's Typed Name	
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

### PATENT APPLICATION

RECORD ID:	83015016	(84140079
KECOKO ID.		

## **ASSIGNMENT OF PATENT APPLICATION (cont.)**

Date Assignment Signed	Inventor's Signature
	Stephen Pollard
Date Application Signed	Inventor's Typed Name
30 July 2012  Date Assignment Signed  30 July 2012	Steven J. Sile
Date Assignment Signed	Inventor's Signature
30 July 2012	Steven J Simske
Date Application Signed	Inventor's Typed Name
Date Assignment Signed	Inventor's Signature
Date Application Signed	Inventor's Typed Name
Date Assignment Signed	Inventor's Signature
Date Application Signed	Inventor's Typed Name
Date Assignment Signed	Inventor's Signature
Date Application Signed	Inventor's Typed Name
Date Assignment Signed	nventor's Signature
Date Application Signed	Inventor's Typed Name
Date Application Signed  Date Assignment Signed	Inventor's Signature  Inventor's Typed Name  Inventor's Signature  Inventor's Typed Name