PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:			NEW ASSIGNMENT					
NATURE OF CONVEYANCE:			ASSIGNMENT					
CONVEYING PARTY DATA								
	Name Execution Date							
Yael KOWAL 10/31/2011								
Name:	Hewlett-Pacl	kard De	evelopment Company, L.P.					
Street Address:			Iter Drive West					
City:	Houston							
State/Country:	TEXAS							
Postal Code:	77070							
<u>[</u>								
Name:	Hewlett-Packard Development Company L.P.							
Street Address:	11445 Compaq Center Drive W.							
City:	Houston							
State/Country:	TEXAS							
Postal Code:	77070							
State/Country: TEXAS Postal Code: 77070								
PROPERTY NUMBERS Total: 1								
Property Type			Number					
Application Number: 13		13286	3286126					
Fax Number:	Fax Number: (970)778-4063							
Phone:								
Email: terri.tuma@hp.com								
Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.								
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								
				PATENT				

Total Attachments: 2 source=82838240-U-RASS-31OCT11#page1.tif source=82838240-U-RASS-31OCT11#page2.tif

ATTORNEY DOCKET NO. 82838240

U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office

RECORDATION FORM COVER SHEET									
PATENTS ONLY									
1. Name of conveying party(ies):	2. Name and address of receiving party(ies):								
Yael KOWAL	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. 11445 Compaq Center Drive West Houston, TX 77070								
Additional name(s) of conveying party(ies) attached? XYes N 3. Nature of Conveyance:	lo Additional name(s) and address(es) attached? ☐Yes XNo								
Assignment Merger Change	of Name Security Agreement Joint								
Other									
Execution Date(s):October 30 2011 4. Application number(s) or patent number(s): If this document is being filed together with a new applica	tion, execution date of the application is:								
A. Patent Application No.(s)									
Application No.: 13/286,126 Date File	d: October 31, 2011								
Confirmation No.: 5205 B. Patent No.(s):									
Additional numbers attached? <u>NO</u>									
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1								
	7. Total Fee (37 CFR 3.41):\$40.00								
Records Manager Intellectual Property Administration	Enclosed								
HEWLETT-PACKARD COMPANY 3404 E. Harmony Road	X _Authorization to be charged to deposit account.								
Mail Stop 35 Fort Collins, Colorado 80528	8. Deposit Account Number: <u>08-2025</u>								
9. Statement and signature.									
To the best of my knowledge and belief, the foregoing info copy of the original document.	ormation is true and correct and any attached copy is a true								
Mark Cohen	October 31, 2011								
	ature Date								
Total number of pages including coversheet, attachments, and documents: 2									
Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450									
Page 1 of 2									

Rev 05/09 (RecdAsgn)

PATENT REEL: 027168 FRAME: 0604

82838240

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

PATENT REFERENCE:

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, itle and interest, including the right of priority, in, to and under an application for Letters Patent of the United States entitled:

PRINTER WITH AUTO-CLEANING OPERATION AND METHOD THEREOF

Filing Date: October 31, 2011

Application No.: 13/286,126

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 eissues, 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 hat 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 to 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 baid 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.

Had	Koral-	Blay		
nventor's Sig rael KOWAL	nature			
nventor's Typ				

30 Oct 2011 Date Assignment Signed

Date Application Signed

nventor's Signature

Date Assignment Signed

Date Application Signed

Rev 06/10 (Assignment)

RECORDED: 11/03/2011

nventor's Typed Name

Page 1 of 1

PATENT REEL: 027168 FRAME: 0605