PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:		NEW ASSIGNMENT					
NATURE OF CONVEYANCE:		ASSIGNMENT					
CONVEYING PARTY DATA							
N			lame	Execution Date			
Xiaoqi Zhou				04/02/2010			
Gracy Wingkono				04/02/2010			
Dave Edmondson				04/02/2010			
RECEIVING PARTY DATA							
Name:	Hewlett-Packa	ard De	velopment Company, L.P.				
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City:	Houston						
State/Country:	TEXAS						
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PROPERTY NUMBERS Total: 1							
Property Type			Number				
Application Number:		13387483			13387483		
CORRESPONDENCE DATA							
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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							
			ny Road MS 35				
			perty Administration				
Address Line 4: Fort Collins, COLORADO 80528							
NAME OF SUBMITTER:			Gregory Turocy				
Total Attachments: 2 source=ASSIGN115#page1.tif source=ASSIGN115#page2.tif PATENT							

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

PATENT APPLICATION

200904308-1 ATTORNEY DOCKET NO.

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:

PAPER WITH SURFACE TREATMENT

Filing Date: January 27, 2012

Application No.: 13/387,483

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 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.

Inventor's Signature

Xiaoqi Zhou Inventor's Typed Name

Inventor's Signature

Gracy Wingkono Inventor's Typed Name

4/2/10 Date Assignment Signed

Date Application Signed

412

Date Assignment Signed

Date Application Signed

Rev 10/09 (Assignment)

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PATENT REEL: 027610 FRAME: 0959

HEWLETT-PACKARD COMPANY Intellectual Property Administrator 3404 E. Harmony Road	PATENT APPLICATION
Mail Stop 35 Fort Collins, Colorado 80528	ATTORNEY DOCKET NO. 200904308-1
ASSIGNMENT OF PATENT A	PPLICATION (cont.)
Investor's Signature	Date Assignment Signed
Dave Edmondson Inventor's Typed Name	Date Application Signed
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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
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
Inventor's Signature	Date Assignment Signed
Inventor's Typed Name	Date Application Signed
Rev 10/09 (Assignment) Page 2 of 2	

PATENT REEL: 027610 FRAME: 0960

RECORDED: 01/27/2012