PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
James C. Anderson	08/26/2009
Vernon L. Knowles	08/26/2009

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:	12242180

CORRESPONDENCE DATA

Fax Number: (970)778-4063

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: (970)898-4728

Email: jerry.shorma@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 80528-9599

NAME OF SUBMITTER: Susan Holding

Total Attachments: 2 source=ass1#page1.tif source=ass1#page2.tif

> PATENT REEL: 023153 FRAME: 0366

0H 540 00

500947245

HEWLETT-PACKARD COMPANY Intellectual Property Administrator P.O. Box 272400 Fort Collins, Colorado 80527-2400 PATENT APPLICATION

200703367-2 ATTORNEY DOCKET NO.

ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned (each) have agreed and hereby agree to assign to HEW/LETT-PACKARD DEVELOPMENT COMPANY, L.P., a Texas Limited Partnership having its principal place of business in Houston, title and interest, including the right of priority, in, to and under an application for Letters Patent of the United States entitled:

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, Tape Drive With Variable Wrap Reversal Location Filing Date: Sep 30, 2008 Application No.: 12/242180 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. IN WITNESS WHEREOF, I/we hereunto set my/our hend(s) and seal(s) 8-76-09 Date Assignment Signed omes inventor's Signature (Seal) Z - 19 - 08

Date Application Signed James C. Anderson Inventor's Typed Name State of 38.: County of Before me this James C. Anderson who is personally day of , personally appeared known or proved to me on the bests of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be his/her free act and deed. Notary Public My Commission Expires Rev 10/08 (Assignment)

Page 1 of 2

PATENT

REEL: 023153 FRAME: 0367

HEWLETT-PACKARD COMPANY intellectual Property Administrator P.O. Box 272400 Fort Collins, Colorado 80527-2400

PATENT APPLICATION

ATTORNEY DOCKET NO. 200703367-2

ASSIGNMENT OF PATENT APPLICATION (cont.)

IN WITNESS WHEREOF,	I/we hergunto set my/our hand(s)		-
Clan Illa la		8-26-09	
Inventor's Signature (Seal)		Date Assignment Signed	
		Z - 19 - Date Application Signed	ng
Vernon L. Knowles Inventor's Typed Name		Date Annilization Stoned	00
inventors ryped realis		Date Application Oighed	
State of	1		
Casto Oi) ss.:		
County of)		
Before me this day of	, personally appeared	Vernon L. Knowles	who is personally
		ne person who acknowledged the for	
assignment to be his/her free act an			
		Notary Public	
		My Commission Expires:	
Inventor's Signature (Seal)		Date Assignment Signed	
invalian a Orginalano (Ocar)		Cate Panginion Organia	
Inventor's Typed Name		Date Application Signed	
State of)		
) ss.:		
County of)		
Before me thisday of	, personally appeared		who is personally
known or proved to me on the ba assignment to be his/her free act ar	•	he person who acknowledged the for	agoing instrument of
		Notary Public	
		My Commission Expires:	
Inventor's Signature (Seal)		Date Assignment Signed	
Inventor's Typed Name		Date Application Signed	
Chair of	,		
State of)		
County of) ss .:)		
Before me this day of	, personally appeared		who is personally
	sis of satisfactory evidence to be t	he person who acknowledged the for	
-		Notary Public	
	Dono 9 -4 9	My Commission Expires:	
Rev 10/08 (Assignment)	Page 2 of 2		

PATENT

REEL: 023153 FRAME: 0368