Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Anthony D. Studer	08/06/2007
Mark T. Hardin	08/06/2007
Karen A. St. Martin	08/07/2007

RECEIVING PARTY DATA

Name:	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	
Street Address:	20555 SH 249	
City:	Houston	
State/Country:	TEXAS	
Postal Code:	77070	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11833825

CORRESPONDENCE DATA

Fax Number: (262)238-1469

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

Phone: (262) 478-9353

Email: Rathepatentlaw@wi.rr.com
Correspondent Name: Hewlett-Packard Company

Address Line 1: PO Box 272400

Address Line 2: Records Manager, Intell. Property Adm.

Address Line 4: Fort Collins, COLORADO 80527-2400

ı	ATTORNEY DOCKET NUMBER:	200702248-1
ı	NAME OF SUBMITTER:	Todd A Rathe

Total Attachments: 3

source=200702248assign#page1.tif

PATENT REEL: 019876 FRAME: 0250

500361864

740.00 1000 source=200702248assign#page2.tif source=200702248assign#page3.tif

> PATENT REEL: 019876 FRAME: 0251

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

PATENT APPLICATION

ATTORNEY DOCKET NO. 200702248-1

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 tra	ansfer to HPDC, its successors and assigns, the entire right, I under an application for Letters Patent of the United States
FLUID DELIVERY SYSTEM	
Filing Date: 08/03/2007	Application No.: 11/833,825
Ps), divisionals, and renewals of and substitutes for sa Patent of the United States and of countries foreign the reissues, or reexaminations, or extensions of said Letter I/we additionally authorize HPDC to file applicated and enjoyed by HPDC, its successors, assigns, not terms for which said Letters Patent respectively may be same would have been held and enjoyed by me/us had AND I/we hereby covenant that I/we have full rived have not executed and will not execute any agreem that I/we will, each time a request is made, and without necessary or desirable to perfect the title to said invening Patent, to HPDC, its successors, assigns, nominees of HPDC, or to its nominee, all known facts respecting sate Letters Patent, to testify in any legal proceedings, to sign continuations, C-I-P's, reissue and foreign applications, do everything possible to aid HPDC, its successors, a enforce, for its or their own benefit, proper patent protections, provided the expenses which may be incurred.	tions in my/our name for Letters Patent in any country, to be minees or legal representatives, to the full end of the term or e granted, reissued or extended, as fully and entirely as the
and any official of any country or countries foreign to applications as aforesaid, to issue to HPDC, as assign Patent for said invention(s) or improvement(s), including be issued and granted on or as a result of the application lower further authorize and direct the attorneys	mmissioner of Patents and Trademarks of the United States of the United States whose duty it is to issue patents on see of the entire right, title and interest, any and all Letters grany and all Letters Patent of the United States which may aforesaid, in accordance with the terms of this assignment of record to insert the serial number and filing date of saider and title set forth above as soon as the same shall have and Trademark Office.
IN WITNESS WHEREOF, I/we hereunto set my/our	hand(s) and seal(s):
anthon D Hur	8/6/07
Inventor's Signature (Seal)	8/6/07 Date Assignment Signed
Anthony D. Studer Inventor's Typed Name	Date Application Signed
involver or type or trained	Date Application Signed
State of)) ss.:	
County of)	•
Before me thisday of, personally appeared	
known or proved to me on the basis of satisfactory evidence assignment to be his/her free act and deed.	to be the person who acknowledged the foregoing instrument of
	Notary Public
Rev 10/05(Assignment) Page	My Commission Expires:

PATENT REEL: 019876 FRAME: 0252 HEWLETT-PACKARD COMPANY Intellectual Property Administrator P.O. Box 272400 Fort Collins, Colorado 80527-2400

PATENT APPLICATION

ATTORNEY DOCKET NO.

200702248-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

IN WITNESS WHEREOF	C°	and leading
Inventor's Signature (Seal)		5-6-07 Date Assignment Staned
h danta record		~ • • •
Mark T. Hardin Inventor's Typed Name		5 - 6 - 07 Date Application Signed
montor o Typed (aging		Date Application Signed
State of	\	
) ss.:	
County of) as }	
Before me this day of	, personally appeared	Monde T. Manuella
known or proved to me on the bas	is of satisfactory evidence to be	Mark T. Hardin who is personal the person who acknowledged the foregoing instrument of
assignment to be his/her free act and	deed.	to agoing instrument (
		Notary Public
		My Commission Expires:
Inventor's Signature (Seal)		Date Assignment Signed
(4)		2010 / Lasignment Olymen
Karen A. St. Martin Inventor's Typed Name		
Tryonor 3 Typed Nairie		Date Application Signed
State of	, .	
)	
County of) ss.:)	
Before me this day of	, personally appeared	Voren A CV 16 V
known or proved to me on the basis	of satisfactory evidence to be #	Karen A. St. Martin who is personally ne person who acknowledged the foregoing instrument of
assignment to be his/her free act and	deed.	as payout the authoritedged are loregoing instrument of
		Notary Public
		My Commission Expires:
nventor's Signature (Seat)	42.00	Date Assignment Signed
, ,,,		name wasignment aigned
nventor's Typed Name		Date Application Signed
then have a fi		
itate of)	
ounty of) \$5.:	
efore me this day of	narreinella est	
	of satisfactory evidence to be the	who is personally e person who acknowledged the foregoing instrument of
ssignment to be his/her free act and o	leed.	= person who acknowledged the foregoing instrument of
		Notary Public
ev 10/05/4 exica mouth	Page 2 of 2	My Commission Expires:
lev 10/05(Assignment)	1080 4 01 2	

PATENT REEL: 019876 FRAME: 0253 HEWLETT-PACKARD COMPANY Intellectual Property Administrator P.O. Box 272400 Fort Collins, Colorado 80527-2400

PATENT APPLICATION

ATTORNEY DOCKET NO.

200702248-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

Inventor's Signature (Seal)

Mark T. Hardin
Inventor's Typed Name

Date Application Signed

State of

) ss.:

County of)

Before me this day of , personally appeared Mark T. Hardin who is personally known or proved to me on the basis 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:

Karen a. St. Martin	7-aug-2007
Inventor's Signature (Seal)	Date Assignment Signed

Karen A. St. Martin

Tourney Typed Name

7 - Queg - 2007

Date Application Signed

State of)

) ss.:

Before me this day of personally appeared Karen A. St. Martin who is personally known or proved to me on the basis 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:

Inventor's Signature (Seal)

Date Assignment Signed

Inventor's Typed Name Date Application Signed

State of) ss.:
County of)

Before me this day of , personally appeared who is personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of

known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument o assignment to be his/her free act and deed.

Notary Public
My Commission Expires:

Rev 10/05(Assignment) Page

Page 2 of 2

PATENT REEL: 019876 FRAME: 0254

County of