1. Name of conveying party(ies): Mitchell A Abrams Donald J Coulman John M daCunha John M Koegler III	10-27-20	T Patent and Trademark Office Attorney Docket No. 200406319-1
Additional name(s) of conveying party(ies) atta	achedYes No	Additional name(s) & address(es) attached?Yes _X No
3. Nature of Conveyance:		
X Assignment	Merger	Change of Name
Security Agreement	Other	THE CHARGE OF NAME OF THE CENTRAL OF
Execution Date(s): 9/21/04; 9/14/04	; 9/17/04; 9/16/04	resepectively
4. Application number(s) or patent ու	ımber(s):	SEC P
If this document is being filed togeth	er with a new appli	cation, execution date of the application is:
A. Patent Application No.(s)		B. Patent No.(s)
Application No.: 10/915,878	Date Filed: Au	ug 09, 2004
Confirmation No.:	Additional numb	ers attached? NO
Name and address of party to who concerning document should be meaning to the should be mea		6. Total number of applications and patents involved: 1
Records Manager	ranca.	7. Total Fee (37 CFR 3.41): \$40.00
Intellectual Property Administration HEWLETT-PACKARD COMPANY	n	Enclosed
P.O. Box 272400 Fort Collins, Colorado 80527-240	00	X Authorization to be charged to deposit account.
		8. Deposit Account Number: 08-2025
	DO NOT USI	THIS SPACE
9. Statement and signature. To the best of my knowledge and be true copy of the original document.	elief, the foregoing i	information is true and correct and any attached copy is a
Debbie Scharpen Name of Person Signing	Debbu S Signature	Oct 18, 2004 Date
Total r	number of pages includ	ding cover sheet, attachments, and document:5
OMB No. 0651-0011 (exp. 4/94)		
Mail document to be recorded with requi 10/27/2004 GTDN11 00000049 082025 1091 1 FC:8021 40.00 DA	red sover sheet inforn 5878 Mail Stop Assignm Director of the US Po PO	ch this portion nation to: nent Recordation Services atent and Trademark Office Box 1450 VA 22313-1450

Rev 10/04 (Recdasgn)

PATENT REEL: 015913 FRAME: 0482 HEWLETT-PACKARD COMPANY Intellectual Property Administrator P. O. Box 272400 Fort Collins, Colorado 80527-2400 PATENT APPLICATION
ATTORNEY DOCKET NO. 200406319-1

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 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:

Variable Fuel And Fluid Delivery System	
Filing date: August 09, 2004	Application No.: 10/915,878
continuations-in-part (C-I-P's), divisionals, letters Patent, and any and all Letters Pate	(s) set forth therein, and any and all continuations, and renewals of and substitutes for said application for said nt of the United States and of countries foreign thereto which my reissues, or reexaminations, or extensions of said Letters
country, to be held and enjoyed by HPDC, the full end of the term or terms for which	file applications in my/our name for Letters Patent in any its successors, assigns, nominees or legal representatives, to said Letters Patent respectively may be granted, reissued or me would have been held and enjoyed by me/us had this
that I/we have not executed and will not covenant and agree that I/we will, each tirdeliver all such papers as may be necessimprovement(s), said application and said legal representatives, and I/we agree to respecting said invention(s) or improvementlegal proceedings, to sign all lawful pape C-I-P's, reissue and foreign applications, to everything possible to aid HPDC, its succeand enforce, for its or their own benefit, proceedings, to their own benefit, proceedings and enforce of the coverage of the cove	eve full right to convey the entire interest herein assigned, and execute any agreement in conflict herewith, and I/we further me a request is made, and without undue delay, execute and sary or desirable to perfect the title to said invention(s) or etters Patent, to HPDC, its successors, assigns, nominees or communicate to HPDC, or to its nominee, all known facts t(s), said application and said Letters Patent, to testify in any rs, to execute all disclaimers and divisionals, continuations, make all rightful oaths and declarations, and generally to do essors, assigns, nominees and legal representatives to obtain oper patent protection for said invention(s) or improvement(s) kpenses which may be incurred by me/us in lending such DC;
States and any official of any country or country on applications as aforesaid, to iss any and all Letters Patent for said invention	It the Commissioner of Patents and Trademarks of the United buntries foreign to the United States whose duty it is to issue ue to HPDC, as assignee of the entire right, title and interest, n(s) or improvement(s), including any and all Letters Patent of and granted on or as a result of the application aforesaid, in ent.
said application now identified by the atto	torneys of record to insert the serial number and filing date of rney docket number and title set forth above as soon as the by the United States Patent and Trademark Office.
IN WITNESS WHEREOF, I/we hereunto	set my/our hand(s) and seal(s):
only	Date Assignment Signed: <i>09/</i> ෭火ォリ
Inventor's Signature (Seal)	
Inventor's Typed Name: Mitchell A Abrams	Date Application Signed: 09/7/04
State of)	
County of) ss.:	
Before me this day of	_, personally appearedMitchell A Abrams who is
	satisfactory evidence to be the person who acknowledged the foregoing
	Notary Public
	My commission expires:

Rev 05/04 (Assign)

(Use Page Two For Additional Inventor(s) Signature(s))

Page 1 of 2

When recorded please return to:
HEWLETT-PACKARD COMPANY
Intellectual Property Administration
P. O. Box 272400
Fort Collins, Colorado 80527-2400

PATENT APPLICATION
ATTORNEY DOCKET NO. 200406319-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

Dold Jac	Date Assignment Signed: 9-14-64
nventor's Signature (Sept)	
nventor's Typed Name: Donald J. Coulman	Date Application Signed: 9-14-04
State of)) ss.:
County of)
Before me this day of	, personally appeared <u>Donald J. Coulman</u> who i
personally known or proved to me on the enstrument of assignment to be his/her free	e basis of satisfactory evidence to be the person who acknowledged the foregoin
	Notary Public
	My commission expires:
(0.1)	Date Assignment Signed:
nventor's Signature (Seal)	
nventor's Typed Name: John M. da Cunha	Date Application Signed:
State of	1
) ss.:)
County of Before me this day of personally known or proved to me on the) ss.:), personally appeared who i e basis of satisfactory evidence to be the person who acknowledged the foregoin
County of Before me this day of personally known or proved to me on the) ss.:), personally appeared who i e basis of satisfactory evidence to be the person who acknowledged the foregoin
State of County of Before me this day of personally known or proved to me on the on the contract of assignment to be his/her free) ss.:), personally appeared
County of Before me this day of personally known or proved to me on the) ss.:), personally appeared
Before me this day of personally known or proved to me on the instrument of assignment to be his/her free	
Before me this day of personally known or proved to me on the instrument of assignment to be his/her free of the control of the con	
Before me this day of personally known or proved to me on the instrument of assignment to be his/her free pentor's Signature (Seal) Ventor's Typed Name: John M. Koegler III) ss.:), personally appeared
Before me this day of personally known or proved to me on the instrument of assignment to be his/her free instrument. Signature (Seal) Inventor's Typed Name: John M. Koegler III State of Sounty of day of	

(Use Page Three For Additional Inventor(s) Signature(s))

Page 2 of 2

PATENT APPLICATION

ATTORNEY DOCKET NO. 200406319-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

	Date Assignment Signed:	
nventor's Signature (Seal)	Date / toligiment orginal	
nventor's Typed Name: Donald J. Coulman	Date Application Signed:	
State of	}	
) ss.:	
County of	,	
Before me this day of personally known or proved to me on the instrument of assignment to be his/her free	, personally appeared <u>Donald J. Coulman</u> e basis of satisfactory evidence to be the person who acknowledged the act and deed.	who is foregoing
	Notary Public	
	My commission expires:	
State of Oregon County of Benton Before me this 17 day of Sept. Dersonally known or proved to me on the natrument of assignment to be his/her free	FICIAL SEAL A M MELCHER PUBLIC - OREGON ISSION NO. 338842 ON EXPIRES SEPT. 26, 2004 SECTION 100 SEPT. 26, 2004 SECTION 100 SEPT. 26, 2004 SECTION 100 SEPT. 26, 2004	
nventor's Signature (Seal)	Date Assignment Signed:	
nventor's Typed Name: John M. Koegler III	Date Application Signed:	
State of)	
County of) ss.:)	
Before me this day of ersonally known or proved to me on the estrument of assignment to be his/her free	, personally appeared	who is foregoing
	Notary Public My commission expires:	

(Use Page Three For Additional Inventor(s) Signature(s))

Page 2 of 2

PATENT REEL: 015913 FRAME: 0485

RECORDED: 10/22/2004