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FORM PTO-1595  1-31-92  RECORDATION FO	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
PATENTS	TIW COVER SHEET
1. Name of conveying party(ies):	Name and address of receiving party(les):
Arun K. Agarwal	
Julie J. Cox	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. 20555 SH 249
Jules G. Moritz	Houston, TX 77070
Ozgur Yildirim	
<b>_</b>	
Additional name(s) of conveying party(ies) attachedYes _X_No	Additional name(s) & address(es) attached?Yes _X No
3. Nature of Conveyance:	
_X_ Assignment Merger	Change of Name
Security Agreement Other	
Execution Date(s): 7/21/05; 7/21/05; 07/21/05; 08/01	/05
4. Application number(s) or patent number(s):	
If this document is being filed together with a new app	olication, execution date of the application is:
A. Patent Application No.(s)	B. Patent No.(s)
Application No.: 11/140,802 Date Filed: I	May 31, 2005
Confirmation No.: 4430 Additional num	bers attached? NO
5. Name and address of party to whom correspondence concerning document should be mailed:	e 6. Total number of applications and patents involved: 1
Records Manager	7. Total Fee (37 CFR 3.41): \$40.00
Intellectual Property Administration	Enclosed
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Fort Collins, Colorado 80527-2400	X Authorization to be charged to deposit account.
	8. Deposit Account Number: _08-2025
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Scott A. Lund	Aug 03, 2005
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PATENT

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

ATTORNEY DOCKET NO. 200407069-1

## **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:

application for Letter	's Patent of the United State	st, including the right of priority, in, to and under an es entitled:
LUID EJECTION DE	VICE	·
iling date: May 3	1, 2005	Application No.: 11/140,802
ontinuations-in-part etters Patent, and a	(C-I-P's), divisionals, and in iny and all Letters Patent of	set forth therein, and any and all continuations, renewals of and substitutes for said application for said the United States and of countries foreign thereto which eissues, or reexaminations, or extensions of said Letters
ountry, to be held a ne full end of the to xtended, as fully a	and enjoyed by HPDC, its se erm or terms for which said	applications in my/our name for Letters Patent in any uccessors, assigns, nominees or legal representatives, to Letters Patent respectively may be granted, reissued or would have been held and enjoyed by me/us had this
hat I/we have not everythe and agree eliver all such paper provement(s), said egal representatives egal proceedings, to be a proceedings and a proceedings and a proceedings are proceedings.	executed and will not executed that I/we will, each time a lers as may be necessary application and said Letter, and I/we agree to commition(s) or improvement(s), so sign all lawful papers, to roeign applications, to make to aid HPDC, its successors of their own benefit, proper	all right to convey the entire interest herein assigned, and atte any agreement in conflict herewith, and I/we further request is made, and without undue delay, execute and or desirable to perfect the title to said invention(s) or separate, to HPDC, its successors, assigns, nominees or nunicate to HPDC, or to its nominee, all known facts and application and said Letters Patent, to testify in any execute all disclaimers and divisionals, continuations, are all rightful oaths and declarations, and generally to do so, assigns, nominees and legal representatives to obtain patent protection for said invention(s) or improvement(s) are which may be incurred by me/us in lending such
tates and any offici atents on application ny and all Letters P ne United States w	al of any country or countri ns as aforesaid, to issue to atent for said invention(s) o	Commissioner of Patents and Trademarks of the United ies foreign to the United States whose duty it is to issue HPDC, as assignee of the entire right, title and interest, or improvement(s), including any and all Letters Patent of anted on or as a result of the application aforesaid, in
aid application now	identified by the attorney	ys of record to insert the serial number and filing date of docket number and title set forth above as soon as the ne United States Patent and Trademark Office.
IN WITNESS WH	EREOF, I/we hereunto set n	ny/our hand(s) and seal(s):
An Da	Dat-	e Assignment Signed: 7/21/05
ventor's Typed Name:_A		Date Application Signed: 7/2// 0 5
ate of	)	
unty of	) ss.: )	
Before me this or rsonally known or provestrument of assignment t		sonally appeared <u>ARUN K. AGARWAL</u> who is actory evidence to be the person who acknowledged the foregoing
		Notary Public
		My commission expires:
/ 12/04 (Assign)	(Use Page Two For Additional In	oventor(s) Signature(s)) Page 1 of 2

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ATTORNEY DOCKET NO. 200407069-1

## ASSIGNMENT OF PATENT APPLICATION (cont.)

Make of Core	Date Assignment Signed: 7-21-2005
Inventor's Signature (Seal)	Date Assignment digited.
Inventor's Typed Name: JULIE J. COX	Date Application Signed:
State of )	
County of )	ss.:
Before me this day of personally known or proved to me on the bainstrument of assignment to be his/her free act	personally appeared <u>JULE J. COX</u> who is sis of satisfactory evidence to be the person who acknowledged the foregoing and deed.
	Notary Public
	My commission expires:
	Date Assignment Signed: 7-21-05
Inventoria Signature (Seal)	
Inventor's Typed Name: JULES G. MORITZ	Date Application Signed:
State of )	
County of )	SS.:
Refore me this day of	, personally appearedwho is
personally known or proved to me on the bainstrument of assignment to be his/her free act	sis of satisfactory evidence to be the person who acknowledged the foregoing
	Notary Public
	My commission expires:
	•
nventor's Signature (Seal)	Date Assignment Signed:
	Date Assignment Signed:  Date Application Signed:
inventor's Typed Name: OZGUR YILDIRIM State of	Date Application Signed:
Inventor's Typed Name; OZGUR YILDIRIM State of )	
State of )  County of )  Before me this day of personally known or proved to me on the bar	
County of ):  Before me this day of	

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

Page 2 of 2

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## ASSIGNMENT OF PATENT APPLICATION (cont.)

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Inventor's Signature (Seal)	D	ate Assignment Signed:	<del></del>
Inventor's Typed Name: JUL	IE J. COX	Date Application Signed:	
State of	) ) ss.:	•	
County of	)		
Before me this day personally known or proved instrument of assignment to	l to me on the basis of satis	ersonally appeared <u>JUNE J. COX</u> stactory evidence to be the person who acknowle	who is dged the foregoing
		Notary Public My Johannissian expires:	
		ate Assignment Signed:	
Inventor's Signature (Seal)			
Inventor's Typed Name: JUL	ES G. MORITZ	Date Application Signed:	<del></del>
State of	) ) ss.:		
County of	) /		
Before me this day personally known or proved	to me on the basis of satis	ersonally appeared <u>JULES G MORITZ</u> factory evidence to be the person who acknowled	who is
personally known or proved	to me on the basis of satis	ersonally appeared <u>JULES G. MORITZ</u> fractory evidence to be the person who acknowled  Raciery Public  My commission expires:	
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Inventor's Typed Name; OZG State of County of	to me on the basis of satisbe his/her free act and deed.  DEER YILDIRIM  ) ) ss.: ) to me on the basis of satis	Assignment Signed:	2005
Inventor's Typed Name: OZG  State of  Before me this day personally known or proved	to me on the basis of satisbe his/her free act and deed.  DEER YILDIRIM  ) ) ss.: ) to me on the basis of satis	ate Assignment Signed:  Date Application Signed:	2005
Inventor's Typed Name: OZG  State of  Before me this day personally known or proved	to me on the basis of satisbe his/her free act and deed.  DEER YILDIRIM  ) ) ss.: ) to me on the basis of satis	Date Application Signed:  Date Application Signed:  OZGUR YILDIRIM  Notary Public  Notary Public  Notary Public	2005

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