11-27-2006 OF COMMERCE 200601588-1 ATTORNEY DOCKET NO. ademark Office RECORDATION F 103340950 PATEN'. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): Winthrop D. Childers HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. Ronald A. Askeland 20555 SH 249 Houston, TX 77070 Guo Li Additional name(s) of conveying party(ies) attached? 🔲 Yes 🗵 No Additional name(s) and address(es) attached? 🔲 Yes 🗵 No 3. Nature of Conveyance: Assignment ☐ Change of Name ☐ Joint Other Execution Date(s):11/13/2006; 11/17/2006; 11/12/2006 Application number(s) or patent number(s): If this document is being filed together with a new application, execution date of the application is: 11/17/2006 A. Patent Application No.(s) Application No.: Date Filed: Confirmation No.: B. Patent No.(s): Additional numbers attached? NO 6. Total number of applications and patents involved: 5. Name and address of party to whom correspondence concerning document should be mailed: 7. Total Fee (37 CFR 3.41):.....\$40.00 **Records Manager** Enclosed Intellectual Property Administration **HEWLETT-PACKARD COMPANY** X\_Authorization to be charged to deposit account P.O. Box 272400 Fort Collins, Colorado 80527-2400 8. Deposit Account Number: 08-2025 7 Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Edward J. Brooks III 11/17/2006 Name of Person Signing Date Total number of pages including coversheet, attachments, and documents: Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-14

Page 1 of 1

Rev 10/06a (RecdAsgn)

Rev 10/06a (Assignment)

PATENT APPLICATION

ATTORNEY DOCKET NO. \_\_\_\_

200601588-1

#### 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:

Filing Date: Herewith	A	natication No.:	
and the invention(s) and impure P's), divisionals, and renewals Patent of the United States a reissues, or reexaminations, or I/we additionally authorized and enjoyed by HPDC, it terms for which said Letters I same would have been held a AND I/we hereby converted and withat I/we will, each time a requirecessary or desirable to per Patent, to HPDC, its success HPDC, or to its nominee, all its Letters Patent, to testify in any continuations, C-I-P's, reissued of everything possible to aid enforce, for its or their own becountries provided the expensional by HPDC;  AND I/we hereby authorized and any official of any countries provided the expensional and any official of any countries provided and granted on or as I/we further authorized.	rovement(s) set forth therein, and of and substitutes for said applied of countries foreign thereto or extensions of said Letters Pater for extensions, assigns, nominees of extensions and that I/we have full right to I not execute any agreement in the said invention (s) for the fect the title to said invention(s) for sassigns, nominees or legal known facts respecting said inventions, assigns, nominees or legal proceedings, to sign all large and foreign applications, to make the HPDC, its successors, assigns enefit, proper patent protection the ses which may be incurred by maker for each of the application afore and direct the attorneys of receipt and direct the attorneys of receipt and direct the attorneys of receipt to the attorneys of the atto	n my/our name for Letters Paten or legal representatives, to the ted, reissued or extended, as fur signment, and transfer not been convey the entire interest herein conflict herewith, and I/we furthed delay, execute and deliver all sur or improvement(s), said application or improvement and legal representation or said invention(s) or improvementation or said invention(s) or improvementation or featents and Trademarks United States whose duty it is the entire right, title and interest and all Letters Patent of the Unitered to insert the serial number as	and any and all Letters or therefore; and any tin any country, to be full end of the term of assigned, and that the covenant and agree at the communicate to application and said Letters and divisionals, ions, and generally to tatives to obtain and and assistance are sof the United States to issue patents on the any and all Letters ed States which may as of this assignment.
	the United States Patent and Tra	title set forth above as soon as demark Office.	the same shall have
WITHESS WHEREO	F, I/we hereunto set my/our hand(	s) and seal(s):	
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Before me this day of	, personally appeared	Winthrop D. Childers	who is personally
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	•	Notary Public My Commission Expires:	

Page 1 of 2

# **ASSIGNMENT OF PATENT APPLICATION (cont.)**

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Inventor's Signature (Seal)		Nov 17, 200 Date Assignment Signed	
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Ronald A. Askeland Inventor's Typed Name		Date Application Signed	ن
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State of	1		
	) ss.:		
County of	)		
Before me this day of	, personally appeared	Ronald A. Askeland	who is personally
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		Notary Public	
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HEWLETT-PACKARD COMPANY
Intellectual Property Administrator
P.O. Box 272400
Fort Collins, Colorado 80527-2400

Rev 10/06a (Assignment)

### PATENT APPLICATION

ATTORNEY DOCKET NO.

200601588-1

### **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: MISFIRING PRINT NOZZLE	COMPENSATION		
Filing Date: Herewith	A	pplication No.:	
and the invention(s) and impleys), divisionals, and renewals Patent of the United States a reissues, or reexaminations, of I/we additionally authorized and enjoyed by HPDC, it terms for which said Letters is same would have been held and AND I/we hereby converted and without the I/we will, each time a requirecessary or desirable to per Patent, to HPDC, its success HPDC, or to its nominee, all if Letters Patent, to testify in any continuations, C-I-P's, reissued to everything possible to aid enforce, for its or their own becountries provided the expensional by HPDC;  AND I/we hereby authorized and any official of any countries are and granted on or as a long the I/we further authorized application now identified by the I/we I/we I/we I/we I/we I/we I/we I/w	rovement(s) set forth therein, and so of and substitutes for said application of countries foreign thereto or extensions of said Letters Pater for extensions, assigns, nominee Paternt respectively may be granned enjoyed by me/us had this assigned that I/we have full right to all not execute any agreement in usest is made, and without undure fect the title to said invention(s) fors, assigns, nominees or legal known facts respecting said inventions, assigns, and foreign applications, to material proceedings, to sign all later for each foreign application, to material foreign application for each foreign to the saud to HPDC, as assignee of improvement(s), including any assignee of and direct the attorneys of received attorney docket number and the United States Patent and Training and the United States Paten	d any and all continuations, co lication for said Letters Patent, which may be granted thereorent.  In my/our name for Letters Patents or legal representatives, to the set of legal representatives, to the set of legal representatives, and transfer not been convey the entire interest here conflict herewith, and I/we furth delay, execute and deliver all set or improvement(s), said applied representatives, and I/we agrention(s) or improvement(s), sawful papers, to execute all disclese all rightful oaths and declarate, nominees and legal representations in lending such cooperations in lending such cooperations. It is the entire right, title and interest and all Letters Patent of the United States whose duty it is the entire right, title and interest and all Letters Patent of the United States whose duty it is the entire right, title and interest and all Letters Patent of the United States whose duty it is the entire right, title and interest and all Letters Patent of the United States whose duty it is the entire right, title and interest and all Letters Patent of the United States whose duty it is the entire right, title and interest and all Letters Patent of the United States whose duty it is the entire right, title and interest and all Letters Patent of the United States whose duty it is the entire right, title and interest and all Letters Patent of the United States whose duty it is the entire right, title and interest and set of the United States whose duty it is the entire right, title and interest and set of the United States whose duty it is the entire right.	and any and all Letters or therefore; and any ant in any country, to be a full end of the term or ully and entirely as the n made; in assigned, and that I/er covenant and agree such papers as may be eation and said Letters are to communicate to id application and said aimers and divisionals, altions, and generally to intatives to obtain and ement(s) in any and all on and assistance are as of the United States is to issue patents on st, any and all Letters ited States which may ms of this assignment, and filing date of said
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200601588-1

# **ASSIGNMENT OF PATENT APPLICATION (cont.)**

IN WITNESS WHEREOF, I/we hereunto set my/our hand(s) and seal(s):

Inventor's Signature (Seal)		Date Assignment Signed		
Ronald A. Askeland				
Inventor's Typed Name		Date Application Signed	Date Application Signed	
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**RECORDED: 11/17/2006**