	09-06-2006
ATTORNEY DOCKET NO. 200600994-1	ARTMENT OF COMMERCED Control of tent and Trademark Office of
RECOF	103302457
1. Name of conveying party(ies): Herman lidefonso Gutierrez-Vazquez Dave Bettineski Jon Johnson Jeetendra Kumar Nataraj Gobbak	2. Name and address of receiving party(ies): HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. 20555 SH 249 Houston, TX 77070
Additional name(s) of conveying party(ies) attached? 3. Nature of Conveyance: Assignment	
Execution Date(s):August 21, 22, 2006 4. Application number(s) or patent number(s): If this document is being filed together with a new application. A. Patent Application No.(s) Application No.: Date Filed	
Confirmation No.: B. Patent	
Additional numbers attached? NO	
5. Name and address of party to whom correspondence concerning document should be mailed: Records Manager Intellectual Property Administration HEWLETT-PACKARD COMPANY P.O. Box 272400	6. Total number of applications and patents involved: 7. Total Fee (37 CFR 3.41):\$40.00 EnclosedX_Authorization to be charged to deposit account.
Fort Collins, Colorado 80527-2400 9. Statement and signature.	8. Deposit Account Number: 08-2025
_	formation is true and correct and any attached copy is a true
Name of Person Signing Sign	August 28, 2006 State Date Date
Postments to be recorded (including covershe	eet, attachments, and documents:5 et) should be faxed to (703) 306-5995, or mailed to: f the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1350 set 1 of 1
Rev 10/05 (RecdAsgn)	09/05/1

PATENT REEL: 018253 FRAME: 0455

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

ATTORNEY DOCKET NO.

200600994-1

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:

PRINTING DEVICE AND METHOD		
Filing Date:	Application No.:	
and the invention(s) and improvement(s) set for	th 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 for reissues, or reexaminations, or extensions of said	reign thereto which may be granted thereon or therefore; and any distance 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, assig	gns, nominees or legal representatives, to the full end of the term or	
	may be granted, reissued or extended, as fully and entirely as the us had this assignment, and transfer not been made;	
	ve 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	

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 deverything 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 liwe 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 WHERE	I/we hereunto set my/our hand(s) and seal(s):		
<i>{ </i>		Quaust 21, 2000	5
Inventor's Signature (Seal)		Date Assignment Signed	
Hernan lidefonso Gutierrez-Vazqu	ez		
Inventor's Typed Name		Date Application Signed	
State of)		
) ss .:		
County of)		
Before me this day of	, personally appeared	Hernan lidefonso Gutierrez-Vazquez	who is personally
known or proved to me on the tassignment to be his/her free act	_	be the person who acknowledged the for	egoing instrument of
		Notary Public	
The second section of	Page 1	My Commission Expires:	

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PATENT REEL: 018253 FRAME: 0456 HEWLETT-PACKARD COMPANY Intellectual Property Administrator P.O. Box 272400 Fort Collins, Colorado 80527-2400

Rev 10/05(Assignment)

PATENT APPLICATION

ATTORNEY DOCKET NO. 200600994-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

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Inventor's Signature (Seal)		Date Assignment Signed	
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Dave Bettineski		8/21/7006	
Inventor's Typed Name		Date Application Signed	
		22.0 . 47	
Dining of	,		
State of)		
) ss.:		
County of)		
Before me this day of	, personally appeared	Dave Bettineski	who is personally
known or proved to me on the ba	sis of satisfactory evidence to be ti	ne person who acknowledged the	foregoing instrument of
assignment to be his/her free act ar	d deed.	•	- •
		Notary Public	
		My Commission Expires:	
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tout for	war	8/z1/z	016
thverblor's Signature ((Seal)		Date Assignment Signed	
		al 1	
Jan Johnson		8/21/20 Dale Application Signed	06
Inventor's Typed Name		Date Application Signed	
State of)		
) ss.:		
County of)		
Defense we thin down		to a Anhanana	
	, personally appeared	Jon Johnson	who is personally
assignment to be his/her free act at	sis of satisfactory evidence to be t	ne person who acknowledged the	toregoing instrument of
assignment to be interest need and a			
		Notary Public	
		My Commission Expires	
Inventor's Signature (Seal)		Date Assignment Signed	
• , ,		-	
Jeetendra Kumar			
Inventor's Typed Name		Date Application Signed	
		5	
State of			
State of)		
) \$5 .:		
County of)		
Before me this day of	, personally appeared	Jeetendra Kumar	who is personally
	sis of satisfactory evidence to be		
assignment to be his/her free act at		,	· · · · · · · · · · · · · · · · · · ·
		Notary Public	
		My Commission Expires	:
	Page 2 of 3		

PATENT REEL: 018253 FRAME: 0457

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

PATENT APPLICATION

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
Dave Bettineski		
Inventor's Typed Name		Date Application Signed
State of	}	
) ss.:	
County of)	
Before me this day of	, personally appeared	Dave Bettineski who is personally
	asis of satisfactory evidence to be	the person who acknowledged the foregoing instrument of
		Notary Public
		My Commission Expires:
Inventor's Signature (Seal)		Date Assignment Signed
Jon Johnson		
Inventor's Typed Name		Date Application Signed
State of)	
) ss.:	
County of)	
Before me this day of	, personally appeared	Jon Johnson who is personally
known or proved to me on the bassignment to be his/her free act a	asis of satisfactory evidence to be tend deed.	the person who acknowledged the foregoing instrument of
		Notary Public
		My Commission Expires:
De . A G	I	kus a a and a
- grasen	ous.	AUGUST 22 200 E
Inventor's Signature (Seal)		Date Assignment Signed
Jeetendra Kumar		AUGUST 22 nd 200 6 Date Assignment Signed AUGUST 22 nd 200 6
Inventor's Typed Name		Date Application Signed
State of)	
) ss.:	
County of)	
Before me thisday of	, personally appeared	Jeetendra Kumar who is personally
known or proved to me on the bassignment to be his/her free act a	asis of satisfactory evidence to be t nd deed.	he person who acknowledged the foregoing instrument of
		Notary Public
Rev 10/05(Assignment)	Page 2 of 3	My Commission Expires:
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REEL: 018253 FRAME: 0458

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

PATENT APPLICATION

ATTORNEY DOCKET NO. 200600994-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

\ IN WITHESS WHEREO	F, I/we hereunto set my/our hand(s) and seal(s):
Malaro L. 1. 10		Malarland
Invertor's Signature (Seal)		Date Assignment Signed
	•	लबार तक्षेत्रीसाधा स ् रोतेसकत
Nataraj Kumar Gobbek 💛		
Inventor's Typed Name		Date Application Signed
State of)	
) ss.:	
County of)	
Before me thisday of	, personally appeared	Nataraj Kumar Kobbak who is persona
known or proved to me on the bassignment to be his/her free act a	asis of satisfactory evidence to be	the person who acknowledged the foregoing instrument
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Inventor's Signature (Seal)		
o oignaturo (ocar)		Date Assignment Signed
Inventor's Typed Name	The state of the s	Date Application Signed
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County of)	
Before me thisday of	, personally appeared	who is persona
known or proved to me on the b assignment to be his/her free act a	asis of satisfactory evidence to be and deed.	the person who acknowledged the foregoing instrument
		Notary Public
		My Commission Expires:
Inventor's Signature (Seal)		Date Assignment Signed
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Inventor's Typed Name		Date Application Signed
		Date Approvisor Oigrad
State of	1	
) ss.:	
County of)	
Before me this day of	, personally appeared	Sala In manage
		who is persona the person who acknowledged the foregoing instrument
assignment to be his/her free act a	and deed.	are her sort and address leading to the following the first metal in t
,		Notary Public
Dan (AME) Loning in and	Page 3 of 3	My Commission Expires:
Rev 10/05(Assignment)	rage 3 of 3	•

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