FORM PTO-1595 1-31-92	10-27-	2003	U.S. DEPARTMEN	IT OF COMMERCE I Trademark Office
			Attorney Docket No.	
Name of conveying party(ies):	102583	3681	dress of receiving party(
Vladek P Kaperchik		HEWLET	T-PACKARD DEVELOPMENT	COMPANY, L.P.
Palitha Wickramanayake		20555 SI	H 249	201
James P Shields		Houston,	TX 77070	32.
Gary Allan Ungefug				
16-16-03				17302
Additional name(s) of conveying party(ies) attach	edYes No	Additional name	e(s) & address(es) attached?	Yes <u>X</u> No
3. Nature of Conveyance:				
X Assignment	Merger		Change of Name	
Security Agreement	Other			
Execution Date(s): 10/7/03; 10/3/03; 1	0/9/03; 10/15/0	3 respectively		
4. Application number(s) or patent num	ber(s):	12689	1322	
If this document is being filed together	with a new app			s: Oct 16, 2003
A. Patent Application No.(s)			B. Patent No.(s)	
Application No.:	Date Filed:			
Confirmation No.:	Additional numb	pers attached?	NO	
5. Name and address of party to whom concerning document should be mail	·	6. Total num	ber of applications and pater	nts involved: 1
Records Manager		7. Total Fee (37 CFR 3.41): \$40.00		
Intellectual Property Administration HEWLETT-PACKARD COMPANY		En	closed	
P.O. Box 272400				
Fort Collins, Colorado 80527-2400		_X Au	ıthorization to be charged to	deposit account.
		8. Deposit A	Account Number: 08-2025	
	DO NOT US	E THIS SPACE		
9. Statement and signature.				
To the best of my knowledge and belie true copy of the original document.	ef, the foregoing	information is	true and correct and any att	ached copy is a
	\bigcap \bigcup \bigcup \bigcap \bigcap	١		
Debbie Scharpen	Lebbus	charper	Oct 16, 200	03
Name of Person Signing	Signature	•	Date	
	nber of pages inclu	aing cover sheet	t, attachments, and document:	
OMB No. 0651-0011 (exp. 4/94)				
Mail document to be recorded with requ /24/2003 ECOOPER 00000169 082025 10688322		ent Recordation	Services	
FC:8021 40.00 DA	PÓ	Box 1450 VA 22313-145		

FORM PTO-1595

PATENT APPLICATION

ATTORNEY DOCKET NO. 10015560 -1

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

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:

Fixation System For Bonding An Inkjet Ink Composition			
Filing date:	Application No.:		
continuations-in-part (C-I-P's), divisional Letters Patent, and any and all Letters P	ent(s) set forth therein, and any and all continuations, s, and renewals of and substitutes for said application for said atent of the United States and of countries foreign thereto which any reissues, or reexaminations, or extensions of said Letters		
country, to be held and enjoyed by HPD the full end of the term or terms for wh	to file applications in my/our name for Letters Patent in any DC, its successors, assigns, nominees or legal representatives, to lich said Letters Patent respectively may be granted, reissued or same would have been held and enjoyed by me/us had this;		
that I/we have not executed and will not cover and agree that I/we will, each deliver all such papers as may be necessary improvement(s), said application and sa legal representatives, and I/we agree respecting said invention(s) or improven legal proceedings, to sign all lawful pactions everything possible to aid HPDC, its su and enforce, for its or their own benefit	have full right to convey the entire interest herein assigned, and of execute any agreement in conflict herewith, and I/we further time a request is made, and without undue delay, execute and dessary or desirable to perfect the title to said invention(s) or id Letters Patent, to HPDC, its successors, assigns, nominees or to communicate to HPDC, or to its nominee, all known facts nent(s), said application and said Letters Patent, to testify in any apers, to execute all disclaimers and divisionals, continuations, to make all rightful oaths and declarations, and generally to do coessors, assigns, nominees and legal representatives to obtain, proper patent protection for said invention(s) or improvement(s) expenses which may be incurred by me/us in lending such HPDC;		
States and any official of any country of patents on applications as aforesaid, to any and all Letters Patent for said inventions.	uest the Commissioner of Patents and Trademarks of the United r countries foreign to the United States whose duty it is to issue issue to HPDC, as assignee of the entire right, title and interest, tion(s) or improvement(s), including any and all Letters Patent of d and granted on or as a result of the application aforesaid, in ment.		
said application now identified by the a	attorneys of record to insert the serial number and filing date of attorney docket number and title set forth above as soon as the sem by the United States Patent and Trademark Office.		
Inventor's Typed Name: Vladek P Kasperchik	nto set my/our hand(s) and seal(s): **Look		
	Date Application Signed.		
State of)) ss	.:		
County of)			
	, personally appeared Vladek P Kasperchik who is sof satisfactory evidence to be the person who acknowledged the foregoing dideed.		
	Notary Public		

My commission expires:

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. _ 10015560 -1

ASSIGNMENT OF PATENT APPLICATION (cont.)

IN WITNESS WHEREOF, I/we hereunto set my/our hand(s) and seal(s	s):
Date Assignment Signed:	10/03/03
Inventor's Typed Name: Palitha Wickramanayake Date Application	on Signed: 10 03 03
State of) ss.:	
County of	
Before me this day of, personally appeared personally known or proved to me on the basis of satisfactory evidence to be the instrument of assignment to be his/her free act and deed.	tha Wickramanayake who is he person who acknowledged the foregoing
	Notary Public
	My commission expires:
AA	
Date Assignment Signed:	10/04/03
Inventor's Signature (Seal) Inventor's Typed Name: James P Shields Date Application	s Signed: 10/09/03
	on signed:
State of) ss.:	
County of)	
Before me this day of, personally appeared	nes P Shields who is ne person who acknowledged the foregoing
personally known or proved to me on the basis of satisfactory evidence to be the	nes P Shields who is ne person who acknowledged the foregoing
personally known or proved to me on the basis of satisfactory evidence to be the	ne person who acknowledged the foregoing
personally known or proved to me on the basis of satisfactory evidence to be the	ne person who acknowledged the foregoing Notary Public
personally known or proved to me on the basis of satisfactory evidence to be the instrument of assignment to be his/her free act and deed. Saw Man Mas Ma Date Assignment Signed:	ne person who acknowledged the foregoing Notary Public
Personally known or proved to me on the basis of satisfactory evidence to be the instrument of assignment to be his/her free act and deed. Say Allan Ungoldg Date Assignment Signed:	Notary Public My commission expires:
Law all Managery Date Assignment Signed: Inventor's Signature (Seal) Inventor's Typed Name: Gary Allan Ungerug Date Application	Notary Public My commission expires:
Personally known or proved to me on the basis of satisfactory evidence to be the instrument of assignment to be his/her free act and deed. State of Date Application	Notary Public My commission expires:
Law all an Ungerug Date Assignment Signed: Inventor's Signature (Seal) Inventor's Typed Name: Gary Allan Ungerug Date Applicatio State of	Notary Public My commission expires:
Personally known or proved to me on the basis of satisfactory evidence to be the instrument of assignment to be his/her free act and deed. State of Date Application	Notary Public My commission expires: 10/15/03 In Signed: 10/15/03 Who is
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Sary Allan Ungerug Date Applicatio	Notary Public My commission expires: 10 15 03
Sary Allan Ungerug Date Applicatio	Notary Public My commission expires: 10/15/03 n Signed: 10/15-/03 v Allan Ungefug who is e person who acknowledged the foregoing

Rev 05/03 (Assign)

RECORDED: 10/16/2003

PATENT REEL: 014618 FRAME: 0677