FORM PTO-1595 1-31-92  1. Name of conveying party(.     John A. Barinaga     James E. Clark     David O. Merrill     Ngoc-Diep Nguyen     David R. Otis, Jr.	07-22-1998 100771185 COPY	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office  JUL 1 3 1998 Attorney Docket No.  10980815-1  HEWLETT-PACKARD COMPANY Legal Department, M/S 20BN 3000 Hanover Street Palo Alto, CA 94304	
Additional name(s) of conveying party(ies) a	ittached Yes 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): 06/05/98; 07/02/98; 04/28/98; 06/25/98; 06/01/98 respectively			
4. Application number(s) or patent			
		cation, execution date of the application is:	
A. Patent Application No.(s)		B. Patent No.(s)	
	Filed: 04/01/98		
Jeriai No.: 00,000,000 Date			
	Additional number	ers attached? NO	
<ol><li>Name and address of party to w concerning document should be</li></ol>	· ·	6. Total number of applications and patents involved: 1	
Records Manager	A 2007	7. Total Fee (37 CFR 3.41): \$40.00	
HEWLETT-PACKARD COMP Legal Department	ANY	Enclosed	
1000 NE Circle Blvd, m/s 42 Corvallis, OR 97330	22B	X Authorization to be charged to deposit account.	
goriamo, ori orioo		8. Deposit Account Number: 08-2025	
	DO NOT USE	THIS SPACE	
		THIS OF ACE	
9. Statement and signature.			
To the best of my knowledge and true copy of the original document.		iformation is true and correct and any attached copy is a	
	,	A 20	
Kevin B. Sullivan	ZiB.		
Name of Person Signing	Signature	Date	
Total r	umber of pages including	cover sheet, attachments, and document: 4	
OMB No. 0651-0011 (exp. 4/94)		90 g	
Mail doggood to be recorded with		h this portion	
Mail document to be recorded with	•	atents and Trademarks	
	Box A	ssignment	
	vvasinigto	PATENT :	
Rev 10/97 (Recdasgn)		REEL: 9317 FRAME: <b>95</b> 78	

When recorded please return to:

**PATENT APPLICATION** 

HEWLETT-PACKARD COMPANY Legal Department, 20BN P. O. Box 10301 Palo Alto, California 94303-0890

ATTORNEY DOCKET NO. 10980815-1

## **ASSIGNMENT OF PATENT APPLICATION**

I/We, the undersigned (each) have agreed and hereby agree to assign to HEWLETT-PACKARD COMPANY, a Delaware corporation having its principal place of business in Palo Alto, California, (hereinafter HP), in furtherance of my/our obligations to HP, and do hereby assign and transfer to HP, 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:

Replaceable Ink Container With Fluid Interconnect For Coupling To An Ink-Jet Printer

Filing date:	pril 1, 1998	Serial No.:09/053,556	
continuations-in- Letters Patent, as	tion(s) and improvement(s) set part (C-I-P's), divisionals, and rene nd any and all Letters Patent of the thereon or therefor; and any reiss	ewals of and substitutes for said United States and of countries	id application for said foreign thereto which
be held and enjo the term or term	ally authorize HP to file application yed by HP, its successors, assigns is for which said Letters Patent reviews the same would have been to made;	s, nominees or legal representati espectively may be granted, reis	ves, to the full end of ssued or extended, as
that I/we have no covenant and ag deliver all such improvement(s), legal representation said invention(s) proceedings, to reissue and force everything possillenforce, for its cany and all count and assistance at AND I/we he States and any opatents on applicant all Letters Pounited States with the covenant and states and several such as the covenant and several sev	reby authorize and request the Confficial of any country or countries ations as aforesaid, to issue to HP atent for said invention(s) or improvinch may be issued and granted	any agreement in conflict herevaluest is made, and without under desirable to perfect the title to Patent, to HP, its successors, te to HP, or to its nominee, all known and said Letters Patent, to all disclaimers and divisionals, or and the said declarations, and, nominees and legal representations and be incurred by me/us in length of the united States who as assignee of the entire right, exement(s), including any and all	with, and I/we further ue delay, execute and o said invention(s) or assigns, nominees or nown facts respecting to testify in any legal continuations, C-I-P's, and generally to do ntatives to obtain and or improvement(s) in ding such cooperation demarks of the United lose duty it is to issue title and interest, any I Letters Patent of the
I/we further application now	the terms of this assignment.  authorize and direct HP attorney identified by the attorney docket reade known to them by the United	number and title set forth above	as soon as the same
1 10		•	
Inventor's Signature	Scall Da	te Assignment Signed: $6/3/.$	<del>/8</del>
	Jedi)	te Assignment Signed: 6/5/  Date Application Signed: 6/5/	5/98
Inventor's Typed Nan	ne: John A. Barmaya	Date Application Signed:/	
State of Wada County of Clark	(ngten )		
County of Clark	the day of Divide With personi	<i>&gt;</i>	
Before me this <u>5</u>		Appreared John A. Barinaga	who is
personally known or	proved to the on the basic of satisfactonent to be his/her free oct and desc. TAR, of UBLIC PUBLIC OF WASH	No or who are not be the person who are not person	ne I Bailey
Rev 04/98 (Assign)	(Use Page Two For Additional Inves	ntor(s) Signature(s)) PATE1 REEL: 9317 FRA	1 490 1 01

When recorded please return to:
HEWLETT-PACKARD COMPANY
Legal Department, 20BN
P. O. Box 10301
Palo Alto, California 94303-0890

PATEN	T APPLICATION
ATTORNEY DOCKET NO.	10980815-1

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

IN WITNESS WHEREOF, I we hereunto s	et my/our hand(s) and seal(s):
Inventor's Signature (Seal)	Date Assignment Signed: Z Jul 98
17	•
Inventor's Typed Name: James E. Clark	Date Application Signed: 2 Jul 98
State of Oregon )	
) ss.: County of <b>Benton</b> )	
Before me this 2nd day of July 199	, personally appeared James E. Clark who is
personally known or proved to me on the basis	of satisfactory evidence to be the person who acknowledged the foregoing
OFFICIA VICKIE CARLS NOTARY PUBL COMMISSION EXP	L SEAL SON-MATHIS IC - OREGON NO. 304340 My commission expires: Aug. 27, 200 j
Invegtor's Signature (Seal)	Date Assignment Signed: 4/28/98
Inventor's Typed Name: David O. Merrill	Date Application Signed: 4/28/78
,	ı ı
) ss.: County of <b>Benton</b> )	
Before me this State day of Cypri 10 personally known or proved to me on the basis instrument of assignment to be his/her free act and VICKIE CARLSON-MAI NOTARY PUBLIC - OREI	of satisfactory evidence to be the person who acknowledged the foregoing deed.  **Color Carlson Mathematical Public My commission expires: Cury 27, 2001
NY COMMISSION NO. 302 NY COMMISSION EXPIRES AUG. 27 Ny commission EXPIRES AUG. 27 Ny commission EXPIRES AUG. 27	2249   2001   20
nventor's Typed Name: Ngoc-Diep Nguyen	Date Application Signed: $6/25/98$
State of Washington ) ss.:	·
County of Carlo	
Before me this 35 day of 1998	deed.
STATE	Ngary Public  Ny commission expires: 7/27/2001  VILY 27, 200, 6
(Use Page Three Fo	OF WASh Additional Inventor(s) Signature(s))  Page 2 of 3

PATENT

REEL: 9317 FRAME: 0580

When recorded please return to:

HEWLETT-PACKARD COMPANY Legal Department, 20BN P. O. Box 10301 Palo Alto, California 94303-0890

## PATENT APPLICATION

ATTORNEY DOCKET NO. 10980815-1

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

IN WITNESS WHEREOF, I we hereun	to set my/our hand(s) and seal(s):
DR On J	Date Assignment Signed: 6/1/98
Inventor's Signature (Seal)	. 1 . 1
Inventor's Typed Name: David R. Otis, Jr.	Date Application Signed: 6/1/98
State of Oregon )	
County of Benton )	
Before me this 1 day of Sunce personally known or proved to me on the I instrument of assignment to be his/her free act	David R. Otis, Jr. who is passes of satisfactory evidence to be the person who acknowledged the foregoing than deed.  Notary Public My commission expires:  My commission expires:
OFFICIAL SEAL  VICKIE CARLSON-N  NOTARY PUBLIC - O  COMMISSION NO.  MY COMMISSION EXPIRES AUG	REGON 304249
	Date Assignment Signed:
Inventor's Signature (Seal)	
Inventor's Typed Name:	Date Application Signed:
State of ) s	s.:
County of )	
Before me this day of personally known or proved to me on the t instrument of assignment to be his/her free act	, personally appeared who is passis of satisfactory evidence to be the person who acknowledged the foregoing and deed.
	Notary Public My commission expires:
Control (Control	Date Assignment Signed:
Inventor's Signature (Seal)	
Inventor's Typed Name:	Date Application Signed:
State of )	
County of	••
Before me this day of personally known or proved to me on the b instrument of assignment to be his/her free act	, personally appeared who is passis of satisfactory evidence to be the person who acknowledged the foregoing and deed.
	Notary Public

(Use Next Page For Additional Inventor(s) Signature(s)) PATENT Page  $^3$  of  $^3$ 

RECURDED: 07/13/1998 REEL: 9317 FRAME: 0581