MENT OF COMMERCE : and Trademark Office 101053933 2. Name and address of receiving party(ies): HEWLETT-PACKARD COMPANY Legal Department, M/S 20BN 3000 Hanover Street Palo Alto, CA 94304
Additional name(s) & address(es) attached?Yes _X_ NoChange of Name
B. Patent No.(s)
6. Total number of applications and patents involved: 1 7. Total Fee (37 CFR 3.41): \$40.00 EnclosedX Authorization to be charged to deposit account. 8. Deposit Account Number:08-2025
THIS SPACE
May 25, 1999 Date ch this portion information to: catents and Trademarks assignment an, D.C. 20231

PATENT REEL: 009989 FRAME: 0036 Palo Alto, California 94303-0890

PATENT APPLICATION

ATTORNEY DOCKET NO. _ 10981359-1

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:

an application for Letters Patent of the United States	
Ink-Jet Ink Compositions Containing Reactive Macr	omolecular Chromophores For Digital And Textile
Printing 04/23/99	Serial No.:09/298,626
Filing date: 04/23/99	Serial No.:
continuations-in-part (C-I-P's), divisionals, and renev Letters Patent, and any and all Letters Patent of the	forth therein, and any and all continuations, wals of and substitutes for said application for said United States and of countries foreign thereto which es, or reexaminations, or extensions of said Letters
be held and enjoyed by HP, its successors, assigns, the term or terms for which said Letters Patent res	in my/our name for Letters Patent in any country, to nominees or legal representatives, to the full end of spectively may be granted, reissued or extended, as all and enjoyed by me/us had this assignment, and
that I/we have not executed and will not execute a covenant and agree that I/we will, each time a required deliver all such papers as may be necessary or dimprovement(s), said application and said Letters Flegal representatives, and I/we agree to communicate said invention(s) or improvement(s), said application proceedings, to sign all lawful papers, to execute a reissue and foreign applications, to make all right everything possible to aid HP, its successors, assign enforce, for its or their own benefit, proper patent	ight to convey the entire interest herein assigned, and any agreement in conflict herewith, and I/we further uest is made, and without undue delay, execute and lesirable to perfect the title to said invention(s) or eatent, to HP, its successors, assigns, nominees or to HP, or to its nominee, all known facts respecting on and said Letters Patent, to testify in any legal all disclaimers and divisionals, continuations, C-I-P's, intful oaths and declarations, and generally to do not no many legal interest and legal representatives to obtain and protection for said invention(s) or improvement(s) in may be incurred by me/us in lending such cooperation
States and any official of any country or countries for patents on applications as aforesaid, to issue to HP, and all Letters Patent for said invention(s) or improve	nmissioner of Patents and Trademarks of the United oreign to the United States whose duty it is to issue as assignee of the entire right, title and interest, any rement(s), including any and all Letters Patent of the on or as a result of the application aforesaid, in
application now identified by the attorney docket no shall have been made known to them by the United S	to insert the serial number and filing date of said umber and title set forth above as soon as the same States Patent and Trademark Office. Assignment Signed: $4-23-94$
Invertor's Signature (Seat)	// 22
Inventor's Typed Name: John R Moffatt	Date Application Signed: 4-23-79
State of Oregon	
County of Benton) ss.:	
Before me this 23 day of April, 1999 , personally personally known or proved to me on the basis of satisfactor instrument of assignment to be his/her free act and deed. OFFICIAL SEAL SHELLIE SCHIEL NOTARY PUBLIC - OREGO	Notary Public My commission expires: 1/21/02

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

Page 1 of 2.
PATENT

REEL: 009989 FRAME: 0037

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.	10981359-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

Before me this 23 day of April, 1999 , personally appersonally known or proved to me on the basis of satisfactory expersonally known or proved to me on the basis of satisfactory expersonally known or proved to me on the basis of satisfactory expersonally known or proved to me on the basis of satisfactory expersonally inventor's Signature (Seal) Date Associate of) Before me this day of , personally appersonally known or proved to me on the basis of satisfactory expersonally known or prov	4/22/89
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Before me this 23 day of April, 1999 personally appressonally known or proved to me on the basis of satisfactory expensionally known or proved to me on the basis of satisfactory expensionally known or proved to be his/her free act and deed. OFFICIAL SEAL SHELLIE SCHIEL NOTARY PUBLIC - OREGON COMMISSION NO. 308635 MY COMMISSION EXPIRES JAN. 21, 2882 Date As: Noventor's Signature (Seal) Noventor's Typed Name: State of) ss.: Date As: Opersonally known or proved to me on the basis of satisfactory expensionally known or proved to me on the basis of satisfactory expensionally known or proved to me on the basis of satisfactory expensionally known or proved to me on the basis of satisfactory expensionally known or proved to me on the basis of satisfactory expensionally known or proved to me on the basis of satisfactory expensionally known or proved to me on the basis of satisfactory expensionally known or proved to me on the basis of satisfactory expensionally known or proved to me on the basis of satisfactory expensionally known or proved to me on the basis of satisfactory expensionally known or proved to me on the basis of satisfactory expensionally known or proved to me on the basis of satisfactory expensionally known or proved to me on the basis of satisfactory expensionally known or proved to me on the basis of satisfactory expensionally known or proved to me on the basis of satisfactory expensionally known or proved to me on the basis of satisfactory expensionally known or proved to me on the basis of satisfactory expensionally known or proved to me on the basis of satisfactory expensionally known or proved to me on the basis of satisfactory expensionally known or proved to me on the basis of satisfactory expensionally known or proved to me on the basis of satisfactory expensionally known or proved to me on the basis of satisfactory expensionally known or proved to me on the basis of satisfactory expensionally known or proved to me on the basis of satisfactory expensionally known or proved to me on the ba	
Date Asserting to be his/her free act and deed. Commission Commis	
Date Asserting to be his/her free act and deed. Commission Commis	opeared Joseph W Tsang who is
Inventor's Signature (Seal) Inventor's Typed Name: State of	vidence to be the person who acknowledged the foregoing Shells School Notary Public My commission expires: 1/21/03
Date Associate of State of Sta	signment Signed:
State of) ss.: County of) Before me this day of, personally appersonally known or proved to me on the basis of satisfactory exposurement of assignment to be his/her free act and deed. Date Assonventor's Signature (Seal) nventor's Typed Name: State of) ss.:	
Before me this day of, personally appersonally known or proved to me on the basis of satisfactory exponents and deed. Date Assonventor's Signature (Seal) nventor's Typed Name: State of	Date Application Signed:
Before me this day of, personally appersonally known or proved to me on the basis of satisfactory exposurement of assignment to be his/her free act and deed. Date Assoventor's Signature (Seal) nventor's Typed Name:	
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nventor's Signature (Seal) nventor's Typed Name: State of } ss.:	peared who is vidence to be the person who acknowledged the foregoing
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State of } ss.:	
) ss.:	Date Application Signed:
County of)	
Before me this day of, personally appersonally known or proved to me on the basis of satisfactory everstrument of assignment to be his/her free act and deed.	peared who is idence to be the person who acknowledged the foregoing
	Notary Public
	My commission expires:

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

Page 2 of 2

Rev 11/98 (Assign)

PATENT REEL: 009989 FRAME: 0038