FORM PTO-1595 1-31-92 1. Name of conveying party(ies): David A. Rehmann Steven B. Elgee	10-05-20	U.S. DEPARTMENT OF COMMERC Patent and Trademark Office
Additional name(s) of conveying party(ies) 3. Nature of Conveyance: X Assignment	OCT - 1 attached Yes X No	Additional name(s) & address(es) attached?YesX NoChange of Name
Security Agreement	Other	
Execution Date(s): July 23, 2001 4. Application number(s) or patent If this document is being filed tog A. Patent Application No.(s) Application No.: 09/912,981		lication, execution date of the application is: B. Patent No.(s) uly 25, 2001
Confirmation No.: 6549		pers attached? NO
5. Name and address of party to viconcerning document should be Records Manager HEWLETT-PACKARD COMILEGAL Department PO Box 8906 Vancouver, WA 98668-89	e mailed:	6. Total number of applications and patents involved: 7. Total Fee (37 CFR 3.41): \$40.00 Enclosed X Authorization to be charged to deposit account 8. Deposit Account Number: 08-2025
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Rev 06/01 (Recdasgn)

PATENT REEL: 012215 FRAME: 0239

PATENT APPLICATION

ATTORNEY DOCKET NO. 10010644-1

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:

System For Ink Short Protection	
Filing date: July 25, 2001	Application No.: 09/912,981
continuations-in-part (C-I-P's), divisionals, and rene Letters Patent, and any and all Letters Patent of	forth therein, and any and all continuations wals of and substitutes for said application for said the United States and of countries foreign thereto reissues, or reexaminations, or extensions of said
to be held and enjoyed by HP, its successors, assig of the term or terms for which said Letters Patent	ns in my/our name for Letters Patent in any country ns, nominees or legal representatives, to the full end respectively may be granted, reissued or extended, held and enjoyed by me/us had this assignment, and
and that I/we have not executed and will not execute reversely a such papers as may be invention(s) or improvement(s), said application and nominees or legal representatives, and I/we agree facts respecting said invention(s) or improvement(s in any legal proceedings, to sign all lawful pacontinuations, C-I-P's, reissue and foreign applicating generally to do everything possible to aid H representatives to obtain and enforce, for its or the second such as the second	I right to convey the entire interest herein assigned ecute any agreement in conflict herewith, and I/we time a request is made, and without undue delay necessary or desirable to perfect the title to said said Letters Patent, to HP, its successors, assigns to communicate to HP, or to its nominee, all knowns, said application and said Letters Patent, to testify apers, to execute all disclaimers and divisionals ons, to make all rightful oaths and declarations, and P, its successors, assigns, nominees and legatheir own benefit, proper patent protection for said repaid by HP;
States and any official of any country or countries to patents on applications as aforesaid, to issue to H any and all Letters Patent for said invention(s) or im-	mmissioner of Patents and Trademarks of the United foreign to the United States whose duty it is to issue IP, as assignee of the entire right, title and interest aprovement(s), including any and all Letters Patent of ed on or as a result of the application aforesaid, in
I/we further authorize and direct HP attorney application now identified by the attorney docket n 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.
IN WITNESS WHEREOF, I/we hereunto set my/	our hand(s) and seal(s):
Inventor's Signature (Seal)	Assignment Signed: Ty 23, 2001
Inventor's Typed Name: David A Rehmann	Date Application Signed: 23 2001
State of) ss.:	ŕ
County of	
Before me this day of, person is personally known or proved to me on the basis of satisfact instrument of assignment to be his/her free act and deed.	ally appeared <u>David A Rehmann</u> who or who evidence to be the person who acknowledged the foregoin
	Notary Public
	My commission expires:

Page 1 of 2

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. _ 10010644-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

State of) ss.: County of) ss.: Before me this day of, personally appeared _ is personally known or proved to me on the basis of satisfactory evidence to instrument of assignment to be his/her free act and deed. Date Assignment Signature (Seal) Inventor's Typed Name: Date Assignment Assignment Signature (Seal) Inventor's Typed Name: Date Assignment Assignment Signature (Seal)	Steven B Elgee who so be the person who acknowledged the foregoing Notary Public My commission expires:
State of) ss.: County of) ss.: Before me this day of, personally appeared _ is personally known or proved to me on the basis of satisfactory evidence to instrument of assignment to be his/her free act and deed. Date Assignment Signature (Seal) Inventor's Typed Name: Date Assignment Assignment Signature (Seal) Inventor's Typed Name: Date Assignment Assignment Signature (Seal) Date Assignment Assignment Assignment Assignment Signature (Seal)	Steven B Elgee who so be the person who acknowledged the foregoing Notary Public My commission expires:
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Inventor's Signature (Seal) Inventor's Typed Name: Date A State of)) ss.:	
Inventor's Signature (Seal) Inventor's Typed Name: Date A State of)	
Inventor's Typed Name: Date A State of)) ss.:	Application Signed:
State of) ss.:	Application Signed:
) ss.:	
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Before me this day_ of, personally appeared s personally known or proved to me on the basis of satisfactory evidence to nstrument of assignment to be his/her free act and deed.	who be the person who acknowledged the foregoing
	Notary Public
	My commission expires:
Date Assignment Signventor's Signature (Seal)	gned:
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	pplication Signed:
State of) ss.:	
County of }	
Before me thisday of, personally appeared spersonally known or proved to me on the basis of satisfactory evidence to astrument of assignment to be his/her free act and deed.	who be the person who acknowledged the foregoing
	Notary Public
	My commission expires:

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

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Rev 06/01 (Assign)

PATENT REEL: 012215 FRAME: 0241