FORM PTQ-1595 1-31-92	3-06-2002 	U.S. DEPARTMENT OF COMMERCE R SHEET Patent and Trademark Office
1. Name of conveying party Charles Patrick Collier 2-15 FEB	15 2007	Attorney Docket No. 100201303-1 2. Name and address of receiving party(ies): HEWLETT-PACKARD COMPANY Intellectual Property Administration P.O. Box 272400 Fort Collins, Colorado 80527-2400
Additional name(s) of conveying party(ies) attack	chedYes X No	Additional name(s) & address(es) attached?YesX No
3. Nature of Conveyance:		
X Assignment	Merger	Change of Name
Security Agreement	Other	
Execution Date(s): 11/16/01		
4. Application number(s) or patent nur	mber(s):	
If this document is being filed together	er with a new appli	cation, execution date of the application is:
A. Patent Application No.(s)		B. Patent No.(s)
Application No.: 09/459,246	Date Filed: 12-	-10–99
Confirmation No.:	Additional number	ers attached? NO
5. Name and address of party to who concerning document should be ma	m correspondence	6. Total number of applications and patents involved:1
Records Manager HEWLETT-PACKARD COMPAN Legal Department 1501 Page Mill RD, M/S 4U-10 Palo Alto, CA 94304-1126T	ΙΥ	7. Total Fee (37 CFR 3.41): \$40.00 Enclosed X Authorization to be charged to deposit account.
3/05/2002 AANNED1 00000141 082025 094592	46	8. Deposit Account Number: 08-2025
1 FC:581 40.00 CH	DO NOT US	THIS SPACE
9. Statement and signature. To the best of my knowledge and be true copy of the original document.	lief, the foregoing	information is true and correct and any attached copy is a
	245	Jan 09, 2002
Tiffany Turner Name of Person Signing	Signature	Date
Total n	umber of pages inclu	ding cover sheet, attachments, and document: 3
OMB No. 0651-0011 (exp. 4/94)		
Mail document to be recorded with re	equired cover shee Commissi Box	ach this portion t information to: coner for Patents Assignment con, D.C. 20231

PATENT REEL: 012623 FRAME: 0335

ASSIGNMENT OF US PATENT AND RELATED APPLICATIONS

I, the undersigned, have agreed and hereby agree to assign to Hewlett-Packard Company, a Delaware Corporation having its principal place of business in Palo Alto, California, hereafter "HP," in furtherance of my obligations to HP, and do hereby and assign and transfer to HP, its successors and assigns, the entire right, title and interest, including to right of priority, in, to and under U.S. Patent 6,198,655, issued March 6, 2001, U.S. Patent Application number 09/459,246 which has issued into said US Patent and any patents based thereon, and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations in part (CIPs), divisionals, and renewals of and substitutes for said application and/or patent, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefore; and any reissues, reexaminations or extensions of said Letters Patent and/or applications.

I additionally authorize HP to file applications in my name for Letters Patent in any country to be held and enjoyed by HP, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by me had any assignment and transfer not been made; I authorize HP to secure all rights to said applications in HP's name to the extent that such applications are currently pending or have already issued as Letters Patent.

I hereby covenant that I have the full right to convey the entire interest herein assigned, and that I have not executed and will not execute any agreement in conflict herewith, and I further covenant and agree that I 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 HP, its successors, assigns, nominees or legal representatives, and I agree to communicate to HP, 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, CIPs, reissue and foreign applications, to make all rightful oaths and declarations, and generally to do everything possible to aid HP, 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 in lending such cooperation and assistance are paid by HP.

I 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 aforesaid, to issue to HP, 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 result of the application aforesaid, in accordance with the terms of this assignment.

IN WITNESS WHEREO	F, I hereunto set my hand and seal:
Chert all	Date signed: November 16, 2001
nventor's signature (seal) nventor's typed name:	& Patrick Collier
	SS.:
Before me this day of or proved to me on the basis of satis assignment to be his/her free act and	, personally appeared who is personally known factory evidence to be the person who acknowledged the foregoing instrument of deed.
assignment to be manner and	Notary Public
	My commission expires:

PATENT RECORDED: 02/15/2002 REEL: 012623 FRAME: 0336