1-31-92	07-17-	2001	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
7.02.01			Attorney Docket No10011269-1
1. Name of conveying party(ies			Adress of receiving party(ies):
James R. Greener	. 101760	HEWLET Intellectu P.O. Box	T-PACKARD COMPANY ual Property Administration 272400 ins, Colorado 80527-2400
Additional name(s) of conveying party(i	es) attached Yes X No	Additional nam	ne(s) & address(es) attached?Yes _X_ No
3. Nature of Conveyance:	es, attached	Additional flair	iels) d address(es) attached:
X Assignment	Merger		Change of Name
Security Agreement	Other		
Execution Date(s): March 1, 20	001		
4. Application number(s) or pat	ent number(s):		
If this document is being filed	ogether with a new applic	cation, execut	ion date of the application is:
A. Patent Application No.(s)		B. Patent No	.(s)
Serial No.: 09/798,414 Date F	Filed: 3/2/01		
	Additional numbe	ers attached?	NO
5. Name and address of party t concerning document should		6. Total num	nber of applications and patents involved:
Records Manager HEWLETT-PACKARD CO Legal Dept. MS 79 3404 E. Harmony Road Fort Collins, CO 80528	9599	En	(37 CFR 3.41): \$40.00  Inclosed  Outhorization to be charged to deposit account.
7/16/2001 BBYRHE 00000205 082025	09798414		Account Number: <u>08-2025</u>
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9. Statement and signature.  To the best of my knowledge a true copy of the original docum		nformation is t	true and correct and any attached copy is a
Donna Kraft	Nonna	Hay	Jun 27, 2001
Name of Person Signing	Signature	ng cover sheet	Date , attachments, and document: 3
OMB No. 0651-0011 (exp. 4/94)	otal number of pages including	ing cover sheet,	attaciments, and document.
Mail document to be recorded v	vith required cover sheet i Commissio Box A	th this portion nformation to oner for Patent ssignment on, D.C. 2023	: ts

PATENT REEL: 11965 FRAME: 0649

## PATENT APPLICATION

ATTORNEY DOCKET NO. 10011269-1

HEWLETT-PACKARD COMPANY Intellectual Property Administration 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 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:

Filing date: 3-2-01 Serial No.: 09/798,414  and the invention(s) and improvement(s) set forth therein, and any and all continuations-in-part (C-I-P's), divisionals, and renewals of and substitutes for said application of Letters Patent, and any and all Letters Patent of the United States and of countries foreign thereto may be granted thereon or therefor; and any reissues, or reexaminations, or extensions of said Patent.  I/we additionally authorize HP to file applications in my/our name for Letters Patent in any countries held and enjoyed by HP, its successors, assigns, nominees or legal representatives, to the full the term or terms for which said Letters Patent respectively may be granted, reissued or extensfully and entirely as the same would have been held and enjoyed by me/us had this assignment transfer not been made;  AND I/we hereby covenant that I/we have full right to convey the entire interest herein assignmental lywe have not executed and will not execute any agreement in conflict herewith, and I/we covenant and agree that I/we will, each time a request is made, and without undue delay, executed inventors, said application and said Letters Patent, to HP, its successors, assigns, nominees representatives, and I/we agree to communicate to HP, or to its nominee, all known facts respecting invention(s) or improvement(s), said application and said Letters Patent, to testify in any proceedings, to sign all lawful papers, to execute all disclaimers and divisionals, continuations, reissue and foreign applications, to make all rightful oaths and declarations, and generally everything possible to aid HP, its successors, assigns, nominees and legal representatives to obtenforce, for its or their own benefit, proper patent protection for said invention(s) or improvement assistance are paid by HP;  AND I/we hereby authorize and request the Commissioner of Patents and Trademarks of the	
continuations-in-part (C-l-P's), divisionals, and renewals of and substitutes for said application of Letters Patent, and any and all Letters Patent of the United States and of countries foreign thereto may be granted thereon or therefor; and any reissues, or reexaminations, or extensions of said Patent.  I/we additionally authorize HP to file applications in my/our name for Letters Patent in any count be held and enjoyed by HP, its successors, assigns, nominees or legal representatives, to the full the term or terms for which said Letters Patent respectively may be granted, reissued or extensification and entirely as the same would have been held and enjoyed by me/us had this assignment transfer not been made;  AND I/we hereby covenant that I/we have full right to convey the entire interest herein assigns that I/we have not executed and will not execute any agreement in conflict herewith, and I/we covenant and agree that I/we will, each time a request is made, and without undue delay, executed liver all such papers as may be necessary or desirable to perfect the title to said invention improvement(s), said application and said Letters Patent, to HP, its successors, assigns, nominees representatives, and I/we agree to communicate to HP, or to its nominee, all known facts respect invention(s) or improvement(s), said application and said Letters Patent, to testify in amproceedings, to sign all lawful papers, to execute all disclaimers and divisionals, continuations, reissue and foreign applications, to make all rightful oaths and declarations, and generally everything possible to aid HP, its successors, assigns, nominees and legal representatives to obten for its or their own benefit, proper patent protection for said invention(s) or improvement any and all countries provided the expenses which may be incurred by me/us in lending such cooperant assistance are paid by HP;	
be held and enjoyed by HP, its successors, assigns, nominees or legal representatives, to the full the term or terms for which said Letters Patent respectively may be granted, reissued or extend fully and entirely as the same would have been held and enjoyed by me/us had this assignment transfer not been made;  AND I/we hereby covenant that I/we have full right to convey the entire interest herein assigned that I/we have not executed and will not execute any agreement in conflict herewith, and I/we covenant and agree that I/we will, each time a request is made, and without undue delay, executed iversally such papers as may be necessary or desirable to perfect the title to said invention improvement(s), said application and said Letters Patent, to HP, its successors, assigns, nominees representatives, and I/we agree to communicate to HP, or to its nominee, all known facts respect invention(s) or improvement(s), said application and said Letters Patent, to testify in any proceedings, to sign all lawful papers, to execute all disclaimers and divisionals, continuations, reissue and foreign applications, to make all rightful oaths and declarations, and generally everything possible to aid HP, its successors, assigns, nominees and legal representatives to obtenforce, for its or their own benefit, proper patent protection for said invention(s) or improvement any and all countries provided the expenses which may be incurred by me/us in lending such coop and assistance are paid by HP;	or said which
that I/we have not executed and will not execute any agreement in conflict herewith, and I/we covenant and agree that I/we will, each time a request is made, and without undue delay, executed liver all such papers as may be necessary or desirable to perfect the title to said invention improvement(s), said application and said Letters Patent, to HP, its successors, assigns, nominees representatives, and I/we agree to communicate to HP, or to its nominee, all known facts respecting invention(s) or improvement(s), said application and said Letters Patent, to testify in an proceedings, to sign all lawful papers, to execute all disclaimers and divisionals, continuations, reissue and foreign applications, to make all rightful oaths and declarations, and generally everything possible to aid HP, its successors, assigns, nominees and legal representatives to obtain enforce, for its or their own benefit, proper patent protection for said invention(s) or improveme any and all countries provided the expenses which may be incurred by me/us in lending such coop and assistance are paid by HP;	end of led, as
AND I/we hereby authorize and request the Commissioner of Patents and Trademarks of the	further ite and in(s) or or legal ing said it legal C-I-P's, ito do in and int(s) in
States and any official of any country or countries foreign to the United States whose duty it is t patents on applications as aforesaid, to issue to HP, as assignee of the entire right, title and intere and all Letters Patent for said invention(s) or improvement(s), including any and all Letters Patent United States which may be issued and granted on or as a result of the application afores accordance with the terms of this assignment.	o issue st, any of the
I/we further authorize and direct HP attorneys to insert the serial number and filing date application now identified by the attorney docket number and title set forth above as soon as the shall have been made known to them by the United States Patent and Trademark Office.	
IN WITNESS WHEREOF, I/we hereunto set my/our hand(s) and seal(s):	
Inventor's Signature (Seal)  Date Assignment Signed: 2/1/01	
Inventor's Typed Name: James R. Greener Date Application Signed: 5/1/01	
State of Colorado ) ) ss.:	
County of Larimer	
Before me this 1st day of March 2001, personally appeared James R. Greener  personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the finistrument of assignment to be his/her free act and deed.  Rotary Public Day March 2001.	_ who is pregoing

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

PATENT<sup>6</sup> 1 REEL: 11965 FRAME: 0650

RECORDED: 07/02/2001