FORM PTO-1595 1-31-92 RECORD, WRD 6-14-99 1. Name of conveying party(ies): Michael J. Steinle Dan S. Johnson		01069910 2. Name and address of HEWLETT-PACKARD Legal Department, M 3000 Hanover Street Palo Alto, CA 94304	COMPANY /S 20BN	
Additional name(s) of conveying party(ies) attached	Yes X No	Additional name(s) & address(es) attached?Yes _X_ No	
3. Nature of Conveyance:				
X Assignment _	Merger	Cha	ange of Name	
Security Agreement	Other			
Execution Date(s): 11/23/98				
4. Application number(s) or patent number(s):				
If this document is being filed together with a	a new appli	cation, execution date of t	he application is:	
A. Patent Application No.(s)		B. Patent No.(s)		
 Serial No.: 09/183,304 Date Filed: 10/30)/98			
	ional numb	ers attached? NO		
5. Name and address of party to whom corres			eations and natents involved: 1	
concerning document should be mailed:	periagrico	6. Total number of applications and patents involved: 1		
Records Manager HEWLETT-PACKARD COMPANY		7. Total Fee (37 CFR 3.41): \$40.00		
Legal Department - MS #79		Enclosed		
3404 E. Harmony Road Ft. Collins, CO 80528		X Authorization t	to be charged to deposit account.	
		8. Deposit Account Num	nber: 08-2025	
D	O NOT USE	THIS SPACE		
9. Statement and signature.				
To the best of my knowledge and belief, the true copy of the original document.	foregoing ir	nformation is true and corr	ect and any attached copy is a	
6/17/1999 HTHAI1 00000172 082025 09183304 1 FC15Aira A. SchA0t20 CH	o Jima G	- Schutze	Jun 10, 1999	
Name of Person Signing Total number of pa	ture aes including	/ g cover sheet, attachments, a	Date	
OMB No. 0651-0011 (exp. 4/94)			ina dodament.	
Mail document to be recorded with required co	over sheet i ssioner of P Box A	th this portion Information to: Satents and Trademarks ssignment n, D.C. 20231		

Palo Alto, California 94303-0890

P. O. Box 10301

PATENT APPLICATION

ATTORNEY DOCKET NO. 10980537-1

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:

OPTICAL IMAGE SCANNER WITH INTERNAL MEASUREMENT OF POINT-SPREAD FUNCTION AND COMPENSATION FOR OPTICAL ABERRATIONS Serial No.: 09/ 183,304 Filing date: Oct. 30, 1998 and the invention(s) and improvement(s) set forth therein, and any and all continuations,

continuations-in-part (C-I-P's), divisionals, and renewals of and substitutes for said application for said Letters Patent, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor; and any reissues, or reexaminations, or extensions of said Letters Patent.

I/we additionally authorize HP to file applications in my/our 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/us had this assignment, and transfer not been made;

AND I/we hereby covenant that I/we have full right to convey the entire interest herein assigned, and that I/we have not executed and will not execute any agreement in conflict herewith, and I/we further covenant and agree that I/we 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/we 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, C-I-P's, 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/us in lending such cooperation and assistance are paid by HP;

AND I/we 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 as 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 a result of the application aforesaid, in accordance with the terms of this assignment.

I/we further authorize and direct HP attorneys to insert the serial number and filing date of said application now identified by the attorney docket number and title set forth above as soon as the same shall have been made known to them by the United States Patent and Trademark Office.

Michael & Stinle	Date Assignment Signed: Movember 23, 1998
Inventor's Signature (Seal) Inventor's Typed Name: Michael J. Steinle	Date Application Signed:
State of Colorado)	
County of office)	. <i>L</i>
Before me this <u>23</u> day of <u>November</u> , p	ersonally appeared Michael J. Steinle who is isfactory evidence to be the person who acknowledged the foregoing

Page 1 of 2

instrument of assignment to be his/her free act and deed.

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. __10980537-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

			11/22/20
Inventor's Signature (Seal)		Date Assignment Signed:_	11/25/78
nventor's Typed Name: Dan S. Johnson	1	Data Application	Signed: 11/23/98
		Date Application	i digited.
State of Colorado)) ss.:		
County of Well)	.,	
Before me this 33 day of 2/01/2	mber 199	gersonally appeared Dan S	S. Johnson who is
personally known or proved to me on	the basis of s	atisfactory evidence to be the	person who acknowledged the foregoing
instrument of assignment to be his/her fr	ee act and deed	•	Market Daraka
			Notary Public
			My commission expires: 5/28/2002
		Date Assignment Signed:	
Inventor's Signature (Seal)		Date Assignment Signed	
Inventor's Typed Name:		Date Application	Signed:
State of)		
Sounty of) ss.:		
County of	J		
Before me this day of	, , , , , , , , , , , , , , , , , , ,	personally appeared	who is
personally known or proved to me on nstrument of assignment to be his/her fr			person who acknowledged the foregoing
			Notary Public
			My commission expires:
		Date Assignment Signed:	
nventor's Signature (Seal)		Date Assignment Signed:	
•		Date Assignment Signed:	
nventor's Signature (Seal) nventor's Typed Name:)		
nventor's Typed Name:) } ss.: }		
nventor's Typed Name:State of) ss.:)	Date Application	Signed:
onventor's Typed Name: State of County of Before me this day of personally known or proved to me on) ss.:) the basis of sa	Date Application personally appeared atisfactory evidence to be the	
nventor's Typed Name: State of County of Before me this day of) ss.:) the basis of sa	Date Application personally appeared atisfactory evidence to be the	Signed: who is
onventor's Typed Name: State of County of Before me this day of personally known or proved to me on) ss.:) the basis of sa	Date Application personally appeared atisfactory evidence to be the	Signed: who is

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

Page 2 of 2

Rev 04/98 (Assign)

PATENT REEL: 010026 FRAME: 0157