FOR'G PTG-1595		11-00-1996	'ARTMENT OF COMMERCE		
1-31-92	RECORDATION		'atent and Trademark Office		
MCD 11-2-98	PATE	100872978	cket No. 10980470-1		
1. Name of conveying party(ies):		2. Name and address of receive	ving party(ies):		
James C. Dow		HEWLETT-PACKARD COM	IPANY		
Thomas E. Berg	* * * * * * * * * * * * * * * * * * *	Legal Department, M/S 20	BN		
David J. Sims		3000 Hanover Street Palo Alto, CA 94304			
Modest Khovaylo					
Scott Henderson					
Davin Stowell Steven Vordenberg Daniel Formosa Additional name(s) of conveying party(ies) a	ttached Yes X No	Additional name(s) & address(es) atta	ached?Yes _X_ No		
3. Nature of Conveyance:					
X Assignment	Merger	Change o	of Name		
Security Agreement	Other				
Execution Date(s): 9/29/98; 9/30/98; 9/30/98; 9/29/98; 8/13/98; 8/13/98; 8/13/98; 9/17/98					
4. Application number(s) or patent	number(s):				
If this document is being filed toge	ther with a new applic	cation, execution date of the ap	plication is: N/A		
A. Patent Application No.(s)		B. Patent No.(s)	;		
Serial No.; 29/090,629 Date	Filed: 7/13/98	N/A			
	Additional number	ers attached? <u>NO</u>			
5. Name and address of party to w concerning document should be		6. Total number of applications	s and patents involved: 1		
Records Manager		7. Total Fee (37 CFR 3.41): \$40.00			
HEWLETT-PACKARD COMP 3404 E. Harmony Road MS	79	Enclosed			
Fort Collins, CO 80528-959		X Authorization to be	charged to deposit account.		
11/06/1998 SBURNS 00000064 082025 29 01 FC:581 40.00 CH	090629	8. Deposit Account Number:	08-2025		
47. W. Li	DO NOT USE	THIS SPACE			
9. Statement and signature.					
To the best of my knowledge and true copy of the original document.	belief, the foregoing ir	nformation is true and correct ai	nd any attached copy is a		
Jeannie McGrew	Jeanne !	no Grew 1	0/27/98		
Name of Person Signing Signature		Da	ate		
Total number of pages including cover sheet, attachments, and document: 6					
OMB No. 0651-0011 (exp. 4/94)					
Do Not detach this portion Mail document to be recorded with required cover sheet information to: Commissioner of Patents and Trademarks Box Assignment Washington, D.C. 20231					

Rev 10/97 (Recdasgn)

PATENT REEL: 9557 FRAME: 0877

PATENT APPLICATION

ATTORNEY DOCKET NO. __10980470-1

HEWLETT-PACKARD COMPANY Legal Department, 20BN P. O. Box 10301 Palo Alto, California 94303-0890

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:

successors and assigns, the entire right, title and interest an application for Letters Patent of the United States	erest, including the right of priority, in, to and under entitled:
HAND HELD OPTICAL SCANNER	
Filing date: July 13, 1998	Serial No.: 29/090,629
and the invention(s) and improvement(s) set continuations-in-part (C-I-P's), divisionals, and renew Letters Patent, and any and all Letters Patent of the L may be granted thereon or therefor; and any reissue Patent.	vals of and substitutes for said application for said United States and of countries foreign thereto which
I/we additionally authorize HP to file applications i be held and enjoyed by HP, its successors, assigns, in the term or terms for which said Letters Patent resp fully and entirely as the same would have been held transfer not been made;	pectively may be granted, reissued or extended, as
AND I/we hereby covenant that I/we have full right that I/we have not executed and will not execute an covenant and agree that I/we will, each time a requedeliver all such papers as may be necessary or deimprovement(s), said application and said Letters Palegal representatives, and I/we agree to communicate said invention(s) or improvement(s), said application proceedings, to sign all lawful papers, to execute all reissue and foreign applications, to make all right everything possible to aid HP, its successors, assigns enforce, for its or their own benefit, proper patent pany and all countries provided the expenses which mand assistance are paid by HP;	est is made, and without undue delay, execute and esirable to perfect the title to said invention(s) or atent, to HP, its successors, assigns, nominees or to HP, or to its nominee, all known facts respecting in and said Letters Patent, to testify in any legal I disclaimers and divisionals, continuations, C-I-P's, tful oaths and declarations, and generally to do so, nominees and legal representatives to obtain and protection for said invention(s) or improvement(s) in
AND I/we hereby authorize and request the Come States and any official of any country or countries for patents on applications as aforesaid, to issue to HP, a and all Letters Patent for said invention(s) or improve United States which may be issued and granted of accordance with the terms of this assignment.	as assignee of the entire right, title and interest, any ement(s), including any and all Letters Patent of the
I/we further authorize and direct HP attorneys tapplication now identified by the attorney docket nurshall have been made known to them by the United St	to insert the serial number and filing date of said mber and title set forth above as soon as the same tates Patent and Trademark Office.
Inventor's Signature (Seal)	Assignment Signed: 9/29/98
nventor's Typed Name: James C. Dow	Date Application Signed: 9/29/98
State of Colorado)	
County of Wild ,) ss.:	
Before me this 29 day of Soplember 1998, personally personally known or proved to me on the basis of satisfactory instrument of assignment to be his/her free act and deed.	appeared James C. Dow who is evidence to be the person who acknowledged the foregoing Notary Public My commission expires 1973
	6 000 14M ST 3W

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

PATENT 4

REEL: 9557 FRAME: 0878

ASSIGNMENT OF PATENT APPLICATION (cont.)

IN WITNESS WHEREOF, I we hereunto set m	ny/our hand(s) and seal(s):	
Thomas E Be	Date Assignment Signed:	9/30/44
Inventor's Signature (Seal)	Date Assignment Signed	7,29
nventor's Typed Name: Thomas E. Berg	Date Application Si	igned: 9/30/98
State of Colorado		,
County of Itald) ss.:		
personally known or proved to me on the basis of	•	
instrument of assignment to be his/her free act and dee	d. C	Dalie Janes
. 1	-	My commission expires: MY COMMISSION EXPIRES: September 13, 1999
The Alexander		7/2 las
Inventor's Signature (Seal)	Date Assignment Signed:	1/30/18
Inventor's Typed Name: David J. Sims	Date Application Si	igned: 9/3/98
State of Colorado)		
County of Held) ss.:		
Before me this 30 day of Sept . 1998 personally known or proved to me on the basis of instrument of assignment to be his/her free act and deed	satisfactory evidence to be the pe	Sims who is erson who acknowledged the foregoing Notacy Public My commission expires: MY COMMISSION EXPIRES:
Modest Hlords nventor's Signature (Seal)	Date Assignment Signed:	September 13, 1999 9/24/98
nventor's Typed Name: Modest Khovaylo	Date Application Sig	gned: 9/29/48
state of Colorado		
County of Weld) ss.:		
Before me this 29 day of September 1998 personally known or proved to me on the basis of sometiment of assignment to be his/her free act and deed	satisfactory evidence to be the pe	who is who acknowledged the foregoing
	<u>:</u>	Notary Public My commission expires:
		My commission expires:
(Use Page Three For Add	ြိုင် itional Inventor(s) Signature(s))	Page 2 of 4

Rev 04/98 (Assign)

PATENT REEL: 9557 FRAME: 0879 HEWLETT-PACKARD COMPANY Legal Department, 20BN P. O. Box 10301 Palo Alto, California 94303-0890

PATENT APPLICATION ATTORNEY DOCKET NO. 10980470-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

IN WITNESS WHEREOF, I we hereunto set my/o	our hand(s) and seal(s):
Inventor's Signature (Seal)	Date Assignment Signed: 8.13.98
Inventor's Typed Name: Scott Henderson	Date Application Signed: 8.13.98
State of New York)	
County of New York) ss.:	
Before me this 13th day of august 1998, personally known or proved to me on the basis of satis instrument of assignment to be his/her free act and deed.	personally appeared Scott Henderson who is sfactory evidence to be the person who acknowledged the foregoing Notary Public Nota
Inventor's Signature (Seal)	My commission expired Public, State of New York Notary Public, State of New York No. 01C05081645 Qualified in Putnam County Commission Expires July 7, 1999 Date Assignment Signed:
Inventor's Typed Name: Davin Stowell	Date Application Signed: 8/13/ 28
State of New York) ss.:	
County of New York	
Before me this 13td day of august, 1998, personally known or proved to me on the basis of satis instrument of assignment to be his/her free act and deed. Inventor's Signature (Seel)	Davin Stowell who is a start of the person who acknowledged the foregoing that the person who acknowledged the foregoing the person who acknowledged the foregoing the person who acknowledged the person who acknowle
Inventor's Signature (Seal)	Date Assignment Signed: 8-13-98
Inventor's Typed Name: Steven Vordenberg	Date Application Signed: 8-13-98
State of New York	
County of New York) ss.:	
Before me this 13 th day of Quest 1998, personally known or proved to me on the basis of satisfinstrument of assignment to be his/her free act and deed.	Steven Vordenberg who is factory evidence to be the person who acknowledged the foregoing Notary Public My commission emidsPH COTTIERS Notary Public, State of New 1 No. 01C05081645 Cualified in Putnam Court. Commission Expires July 7, 1998

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

Page 3 of 4

REEL: 9557 FRAME: 0880

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. 10980470-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

IN WITNESS WHEREOF, I we h	ereunto set m	y/our hand(s) and seal(s):	
Inventor's Signature (Seel)		Date Assignment Signed:_	BEYT 17 98
Inventor's Typed Name: Daniel Formos	a	Date Application	Signed: 88PT 17 '98
State of New York)		,
County of New York) ss.:)		
Before me this 11th day of	eptember 19	personally appeared Danie	I Formosa who is
personally known or proved to me or instrument of assignment to be his/her	ที่ the basis of s	atisfactory evidence to be the	person who acknowledged the foregoing
			Notary Public
			My commission expires:
			RALPH COTTIERS Notary Public, Siate of New York No. 01COE081645 Qualified in Putnara County
		Data Agaignment Signed	Commission Expires July 7, 1999
Inventor's Signature (Seal)		Date Assignment Signed:_	
Inventor's Typed Name:		Date Application	Signed:
State of)		
Country of) ss.:		
County of	,		
Before me this day of		_, personally appeared	who is person who acknowledged the foregoing
personally known or proved to me or instrument of assignment to be his/her f			person who acknowledged the foregoing
			Notary Public
			My commission expires:
Inventor's Signature (Seal)		Date Assignment Signed:	
Inventor's Typed Name:		Date Application	Signed:
State of)		
) ss.:		
County of	}		
Before me this day of		, personally appeared	who is
personally known or proved to me on nstrument of assignment to be his/her fi	the basis of sa ree act and deed.	tisfactory evidence to be the	person who acknowledged the foregoing
			Notary Public
			My commission expires:

Page 4 of 4