08-14-2003					
FORM P10-1595	VER SHEET U.S. DEPARTMENT OF COMMERCE				
(Rev. 10/02) OMB No. 0651-0027 (exp. 5/30/2005)	U.S. Patent and Trademark Office				
To the Director of the Unite 102526093	ard the attached original documents or copy thereof.				
1. Name of conveying part(ies): 8 - 4 - 63	Name and address of receiving party(ies)				
 James C. Dow Dan L. Dalton Michael L. Rudd Karin C. Ruffatto Daniel Formosa Sandra Nieves 	Name: Hewlett-Packard Development Company, L.P. Street Address: Intellectual Property Administration P.O. Box 272400 Fort Collins, Colorado 80527-2400 Additional name(s) & address(es) attached? ☐ Yes ☐ No				
Additional name(s) of conveying party(ies) attached? ⊠Yes □No	0.05 1.00 1.00 1.00 1.00 1.00 1.00 1.00				
Nature of conveyance:	7 0.3				
□ Assignment □ Merger □ Security Agreement □ Change of Name □ Other:	1749.				
Execution Date: 1. 11/6/98; 2. 11/6/98; 3. 11/6/98; 4. 11/6/98; 5. 9/28/98; 6. 9/28/98; con't. on attached					
4. Application number(s) or patent number(s):	33989				
~ -	cation, the execution date of the application is: 08/04/03				
A. Patent application No.(s)	B. Patent No.(s)				
Additional numbers attach	ned? ☐ Yes ⊠No				
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications/patents involved: [1]				
_	7. Total fee (37 CFR 3.41) \$ 40.00				
Scott A. Horstemeyer Thomas, Kayden, Horstemeyer & Risley, L.L.P. 100 Galleria Parkway, Suite 1750	☐ Enclosed ☐ Authorization to charge credit card (attached)				
Atlanta, Georgia 30339-5948	<u> </u>				
	8. Deposit Account Number:				
	08-2025				
	(Attach duplicate copy of this page if paying by Deposit Account)				
DO NOT USE THIS SPACE					
9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. A A A A A A A A A A A A A A A A A A A					
Raymond W. Armentrout Typed Name Signature Date					
Typed Name Signature Date					

08/13/2003 LNUELLER 00000290 082025 10633989

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40.00 DA

Palo Alto, California 94303-0890

PATENT APPLICATION

ATTORNEY DOCKET NO. 10980475-1

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,

successors and assigns, t	rance of my/our obligations to HP, and do hereby assign and transfer to HP, its the entire right, title and interest, including the right of priority, in, to and under Patent of the United States entitled:
APPLIANCE AND METHO	D FOR COMMUNICATING AND VIEWING MULTIPLE CAPTURED IMAGES
Filing date: August	7, 1998 Serial No.:
continuations-in-part (C-I- Letters Patent, and any ar	and improvement(s) set forth therein, and any and all continuations, (P's), divisionals, and renewals of and substitutes for said application for said all Letters Patent of the United States and of countries foreign thereto which or therefor; and any reissues, or reexaminations, or extensions of said Letters
be held and enjoyed by H the term or terms for wh	prize HP to file applications in my/our name for Letters Patent in any country, to IP, its successors, assigns, nominees or legal representatives, to the full end of nich said Letters Patent respectively may be granted, reissued or extended, as same would have been held and enjoyed by me/us had this assignment, and
that I/we have not execu- covenant and agree that deliver all such papers a improvement(s), said app- legal representatives, and said invention(s) or improvedings, to sign all I reissue and foreign app- everything possible to aid- enforce, for its or their of	enant that I/we have full right to convey the entire interest herein assigned, and uted and will not execute any agreement in conflict herewith, and I/we further I/we will, each time a request is made, and without undue delay, execute and as may be necessary or desirable to perfect the title to said invention(s) or oblication and said Letters Patent, to HP, its successors, assigns, nominees or I/we agree to communicate to HP, or to its nominee, all known facts respecting rovement(s), said application and said Letters Patent, to testify in any legal awful papers, to execute all disclaimers and divisionals, continuations, C-I-P's, dications, to make all rightful oaths and declarations, and generally to do I/HP, its successors, assigns, nominees and legal representatives to obtain and own benefit, proper patent protection for said invention(s) or improvement(s) in yided the expenses which may be incurred by me/us in lending such cooperation y HP;
States and any official of patents on applications as and all Letters Patent for	thorize and request the Commissioner of Patents and Trademarks of the United any country or countries foreign to the United States whose duty it is to issue a foresaid, to issue to HP, as assignee of the entire right, title and interest, any said invention(s) or improvement(s), including any and all Letters Patent of the application aforesaid, in a sof this assignment.
application now identified	te and direct HP attorneys to insert the serial number and filing date of said d by the attorney docket number and title set forth above as soon as the same own to them by the United States Patent and Trademark Office.
inventor's Signature (Seal)	Date Assignment Signed: 11/6/98
Inventor's Typed Name: James	C. Dow Date Application Signed: 11/6/98
State of Colorado	,
County of Held) ss.: }
Refore me this (IV day o	of Mov. 1998, personally appeared James C. Dow who is one on the basis of satisfactory evidence to be the person who acknowledged the foregoing his/her free act and deed. Notary Public My commission expires:
	MY COMMISSION EXPIRES: Sentember 13, 1999

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

Page 1 of

Rev 04/98 (Assign)

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. 10980475-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

IN WITNESS WHERE	F, I we hereunto set my/o	our hand(s) and seal(s):	
Inventor's Signature (Seal)	L. Calton	Date Assignment Signed:	6-Nov-98
inventor's Typed Name: Da	n L. Dalton	Date Application	Signed: 6-Nav-98
State of Calar County of Meld	cado,		
Before me this 6 da	y of 100, 1998, per	rsonally appeared Dan L. factory evidence to be the	Dalton who is person who acknowledged the foregoing Notpr Public My commission expires: MY COMMISSION EXPIRES: September 13, 1999
	1 2 Nu 20	Date Assignment Signed:	11/4/98
Inventor's Signature (Seal) Inventor's Typed Name: <u>M</u> i	chael L. Rudd	Date Application	Signed: "10/98
State of Golora			
County of Held) ss.:)		
personally known or provi	y of <u>lov. 1995</u> , pe ed to me on the basis of satis be his/her free act and deed.	rsonally appeared Michaelfactory evidence to be the	person who acknowledged the foregoing Notary Public My commission expires: MY COMMISSION EXPIRES: September 13, 1999
(Min)	20.		,
Inventor's Signature (Seal)	· Luffatto	Date Assignment Signed:	, .
_	rin C. Ruffatto	Date Assignment Signed: Date Application	11/1/00
Inventor's Typed Name: Ka	in C. Ruffatto		11/1/00
State of Solon of County of Sefore me this day) ss.:	Date Application rsonally appeared Karin (11/1/00
State of Solon of County of Sefore me this day) ss.:) of, pe ed to me on the basis of satis	Date Application rsonally appeared Karin (Signed: // 6/28 C. Ruffatto who is person who acknowledged the foregoing Natery Public Jacks

Rev D4/98 (Assign)

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. 10980475-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

N WITNESS WHERE	PF, I we hereunto set my/our hand(s) and seal(s):
DXIII.	-1m/110
inventor's Signature (Seal)	Date Assignment Signed: 9/28/98
nventor's Typed Name: D	niel Formosa Date Application Signed: 9/28/98
State of New Yor	k)
County of New Yo	h) ss.:
Before me this 28 H	day of Septemby 1995 personally appeared Daniel Formosa who is
personally known or prov	ed to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing be his/her free act and deed.
g	Ray Cottos
	Notary Public RALPH COTTIERS My commission Notary Public, State of New York
	No. 01CO5081645 Qualified in Putnam County Commission Expires July 7, 1999
	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
inventor's Signature (Seal)	Date Assignment Signed: D ((J) (9)
Inventor's Typed Name: Sa	ndra Nieves Date Application Signed: 09/28/98
State of New Yor	L,
County of New Yor	1) ss.: }
Before me this 28th	day of September / 998 personally appeared Sandra Nieves who is
personally known or prov	ed to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing be his/her free act and deed.
	The pl tothics
	Notary Public RALPH COTTIERS My commission profiles Public, State of New York
	No. 01CO5081645 Qualified in Pulnam County Commission Expires July 7, 1999
111	1 = 1 = 1 = 2
Inventor's Signature (Seal)	Date Assignment Signed: 7/28/9/
Inventor's Typed Name: Pa	ul Hamburger Date Application Signed: 9/28/9F
	7 /
State of New York County of New York	h) ss.:
Before me this 28 of	day of Septemby 1998 personally appeared Paul Hamburger who is
	ed to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing be his/her free act and deed.
	Notary Public
	My commission expires: RALPH COTTIERS
	Notary Public, State of New York
	No. 01CO5081645 Qualified in Putnam County Commission Expires July 7, 1999
	(Use Next Page For Additional Inventor(s) Signature(s))

Rev 02/98 (Assign2)

When recorded please return to:

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

PATENT APPLICATION

ATTORNEY DOCKET NO. 10980475-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

IN WITNESS WHERE	DF, I we hereunto set my/or	ur hand(s) and seal(s):		
<i>^</i> ∤				
m. 12.0	Delines.	Data Assimpment Figured.	11-7.4-90	7
Inventor's Signature (Seal)	J. N. C. Sall	Date Assignment Signed:	11 2 1 10	
N.	ichael J. DeVries	Date Application	11-2.4-	-98
Inventor's Typed Name:		Date Application	Signed:	10
State of Colorad)			•
-Ya.) ss.:			
County of Jaume				
Before me this 247	day of Movember 1998, p	ersonally appeared Michae	el J. DeVries	who is
personally known or prov	ed to me on the basis of satisf	factory evidence to be the	person who acknowle	edged the foregoing
instrument of assignment t	o be his/her free act and deed.		Jane C	111
			Notary Public	Janus
			My commission expires:	
			My Commission E	opires June 17, 2002
,			my commission g	thies June 17, 2002
<u> </u>	$\mathcal{L}_{\mathcal{L}}$			
Manca	Shepard	Date Assignment Signed:	11-23-58	
Inventor's Signature (Sea)	T			
Inventor's Typed Name:	ancy Shepard	Date Application	Signed: //-23-	98
State of Colorado				
) ss.:	BY PU		
County of Je FFE.rs		A Property of the second	À	
Before me this 2.3/10	day of November, p	econally appeared Nation	repard	who is
personally known or prov	ed to me on the basis of satis	H •	person who acknowled	edged the foregoing
instrument of assignment	o be his/her free act and deed.	H TOMEK		1-1 . 1)
			Notary Public	Jones)
		OF COLORED	My commission expires:	
	1 1	ly Commission Expires June 2	3. 2001	,
11. 12	-DL m	.,,	. / .	/00
/ Woods	Muy U	Date Assignment Signed:	(1/6/	4.0
Inventor's Signature (Seal)	-	fy Commission Expires June 2 Date Assignment Signed:	· · · · · · · · · · · · · · · · · · ·	/ 0
to a short of Toward Names	Modest Khovaylo	Date Application	///	6/98
Inventor's Typed Name:	1,000	Date Application	orgines.	~ (-
State of Calaca	lo !			
County of Held	} ss.: 			
•		36	ant Whavevile	
Before me this	day of <u>Pow. 1998</u> , ped to me on the basis of satis	personally appeared MOU	person who acknowl	edged_the_forepoing
	to be his/her free act and deed.	ractory evidence to be the		
		(Dodie"	Jarren
			Notary Public	
			My commission expires:	
		!	MY COMMISSION EX September 13, 1	KPIRES:
			b-ourner 13, 1	777
	1			Page 4 of 4
	(Use Next Page For Additi	onal Inventor(s) Signature(s))		rage = U(=
Rev 02/98 (Assign2)	1			

RECORDED: 08/04/2003