FORM PTO-1595 1-31-92	02-12-2001	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
		Attorney Docket No. 10006187-1
1. Name of conveying party Ron P. Maurer Danny Barash Richard Alan Burgin David E. Thedens	101611209	HEWLETT-PACKARD COMPANY Intellectual Property Administration P.O. Box 272400 Fort Collins, Colorado 80527-2400
Additional name(s) of conveying party(is	es) attached XYes No	Additional name(s) & address(es) attached?Yes _X_ No
3. Nature of Conveyance:		
X Assignment	Merger	Change of Name
Security Agreement	Other	
Execution Date(s): 10/10/2000	, 11/29/2000, 11/30/200	00
4. Application number(s) or pate	ent number(s):	
If this document is being filed t	ogether with a new applic	cation, execution date of the application is:
A. Patent Application No.(s)		B. Patent No.(s)
Serial No.: 09/676,867 Date F	iled: 09/29/2000	
	Additional numbe	ers attached? NO
5. Name and address of party to	whom correspondence	6. Total number of applications and patents involved: 1
concerning document should	be mailed:	7. Total Fee (37 CFR 3.41): \$40.00
Records Manager HEWLETT-PACKARD CO	MPANY	Enclosed
1501 Page Mill Road		
M/S 4U-10 Palo Alto, CA 94304-11:	26	X Authorization to be charged to deposit account.
2/12/2001 DBYRNE 00000026 082025	09676867	8. Deposit Account Number: 08-2025
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Sylvia R. Carrion  Name of Person Signing	ent.  Signature	Jan 10, 2001 Date  Date
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FORM PTO-1595

## PATENT APPLICATION

ATTORNEY DOCKET NO. 10006187-1

HEWLETT-PACKARD COMPANY Intellectual Property Administration P. O. Box 272400 Fort Collins, Colorado 80528-9599

### 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:

Method Including Lossless Compression Of Luminance Channel And Lossy Compression Of
Chrominance Channel
Filing date: 09/29/2000 Serial No.: 09/676,867
and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part (C-l-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 egal 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 egal 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.
IN WITNESS WHEREOF, I/we hereunto set my/our hand(s) and seal(s):
nventor's Signature (Spall)  Date Assignment Signed: 10/30/30
nventor's Signature (Seal)
nventor's Typed Name: Ron P. Maurer Date Application Signed:
State of ) ss.:
County of )
Before me this day of, personally appeared Ron P. Maurer who is personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be his/her free act and deed.
Notary Public
HOLDING TOURS

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

PATENT
PAGE 1 of 4
PATENT
REEL: 011499 FRAME: 0875

My commission expires:

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Intellectual Property Administration
P. O. Box 272400
Fort Collins, Colorado 80528-9599

PATENT APPLICATION
ATTORNEY DOCKET NO. \_\_10006187-1

#### **ASSIGNMENT OF PATENT APPLICATION (cont.)**

Inventor's Signature (Seal)	arzuh	Date Assignment Signed:
Inventor's Typed Name: Danny Ba	arash	Date Application Signed:
State of	)	
County of	) ss.:	
	,	
Before me this day of personally known or proved to instrument of assignment to be his	me on the basis of s	_, personally appeared <u>Danny Barash</u> who satisfactory evidence to be the person who acknowledged the foregoined.
		Notary Public My commission expires:
		Date Assignment Signed:
Inventor's Signature (Seal)		
Inventor's Typed Name: Richard A	lan Burgin	Date Application Signed:
State of	<b>)</b>	
County of	) ss.: )	
Before me this day of		, personally appeared Richard Alan Burgin who
personally known or proved to r instrument of assignment to be his	me on the basis of s	satisfactory evidence to be the person who acknowledged the foregoing
		Notary Public
		My commission expires:
		Date Assignment Signed:
<del>-</del>		Date Assignment Signed:
	d E. Thedens	Date Assignment Signed:  Date Application Signed:
Inventor's Typed Name: Davi	)	
Inventor's Typed Name: <b>Davi</b> State of	d <b>E. Thedens</b> ) } ss.: }	
Inventor's Typed Name: <b>Davi</b> State of  County of  Before me this day of	) }ss.: }	Date Application Signed:  , personally appeared who
State of County of Before me this day of	) ) ss.: ) ne on the basis of s	Date Application Signed:
Inventor's Typed Name: <b>Davi</b> State of  County of  Before me this day of _ personally known or proved to m	) ) ss.: ) ne on the basis of s	Date Application Signed:

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

Page 2 of 4

Rev 11/99 (Assign)

PATENT REEL: 011499 FRAME: 0876

PATEN	T APPLICATION
ATTORNEY DOCKET NO.	10006187-1

#### **ASSIGNMENT OF PATENT APPLICATION (cont.)**

		Date Assignment Signed:
Inventor's Signature (Seal)		
nventor's Typed Name: Danny Barasi	n	Date Application Signed:
State of	)	
	) ss.:	
County of	)	
Before me this day of personally known or proved to me instrument of assignment to be his/he	on the basis of	, personally appeared Danny Barash who is satisfactory evidence to be the person who acknowledged the foregoing d.
		Notary Public
		My commission expires:
Ribar ala J	nyi'	Date Assignment Signed:
nventor's Signature (Seal)	•	11 10 200
nventor's Typed Name: Richard Alan	Burgin	Date Application Signed: 11-29-2005
State of Iduko	)	
County of Adc	) ss.: )	_, personally appeared <u>Richard Wlats Burgin</u> who is satisfactors evidence of the person who acknowledged the foregoing
20	معما مرم	personally appeared Richard Alan Burgin who i
personally known or proved to me instrument of assignment to be his/he	Oll file basis of	000000000000000000000000000000000000000
		Date Assignment Signed:
Inventor's Signature (Seal)		
Inventor's Typed Name: David E. The	dens	Date Application Signed:
State of	) ) ss.:	
County of	)	
Before me this day of personally known or proved to me instrument of assignment to be his/ho	on the basis of	, personally appeared <u>David E. Thedens</u> who satisfactory evidence to be the person who acknowledged the foregoined.
		Notary Public

Page 3 of 4

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Intellectual Property Administration
P. O. Box 272400
Fort Collins, Colorado 80527-2400

# PATENT APPLICATION ATTORNEY DOCKET NO. 10006187-1

## ASSIGNMENT OF PATENT APPLICATION (cont.)

	Date Assignment Signed:	
nventor's Signature (Seal)		
nventor's Typed Name: Danny Barash	Date Application Signed:	
State of		
	ss.:	
County of		
Before me this day of	, personally appeared <del>Danny Barash</del>	who is
personally known or proved to me on th instrument of assignment to be his/her free	pasis of satisfactory evidence to be the person who acknowledged the for	- oregoing
	Notary Public	
	My commission expires:	
	Data Assignment Signadi	
nventor's Signature (Seal)	Date Assignment Signed:	
nventor's Typed Name: Richard Alan Burgi	Date Application Signed:	
State of		
_	ss.:	
County of		
Before me this day of personally known or proved to me on the instrument of assignment to be his/her free	, personally appeared <u>Richard Alan Burgin</u> asis of satisfactory evidence to be the person who acknowledged the for and deed.	oregoing
	Notary Public	
	My commission expires:	
Paul Thyling	Date Assignment Signed: 30 NVV \$600	
Inventor's Signature (Seal)	20 W 2ma	
Inventor's Typed Name: David E. Thedens	Date Application Signed: 30 Nov 2000	,,
State of TDAHD	ss.:	
County of JDA		
Before me this 30 day of NOV.	2000 personally appeared David E. Thedens	_ who i
personally known or proved to me on to instrument of assignment to be his/her free	basis of satisfactory evidence to be the person who acknowledged the tand deed.	oregoin
	Notary Public	<u> </u>
	My commission expires: 10 25.02	