FORM PTO-1595 1-31-92	02-12-20	O.O. DEI ARTIMERT OF COMMERCE	
1-31-32		:T Patent and Trademark Office	
	10236387	75 Attorney Docket No. 200206048-1	
1. Name of conveying party(ies):		2. Name and address of receiving party(ies):	
Charles R. Weirauch	2-10-03	HEWLETT-PACKARD COMPANY	
		Intellectual Property Administration P.O. Box 272400	
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Additional name(s) of conveying party(ies) atta	chedYes _X No	Additional name(s) & address(es) attached?YesX No	
3. Nature of Conveyance:			
X Assignment	Merger	Change of Name	
Security Agreement	Other		
Execution Date(s): Respectively;01-28-2003			
4. Application number(s) or patent number(s):			
4. Application number(s) or patent number(s): If this document is being filed together with a new application, execution date of the application.			
A. Patent Application No.(s)		B. Patent No.(s)	
Application No.: 10/285,872	Data Filad: 10	1.31.2002	
Confirmation No.: 3683	Additional numbe	ers attached? NO	
5. Name and address of party to who concerning document should be m		6. Total number of applications and patents involved: 1	
Records Manager	_	7. Total Fee (37 CFR 3.41): \$40.00	
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Marci Santillanes Mau Nantulanes Feb 01, 2003			
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Fort Collins, Colorado 80527-2400

P. O. Box 272400

PATENT APPLICATION

ATTORNEY DOCKET NO. 200206048-1

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:

Encoding Information In Codes Identifying Begi	nning Of Regions Of Data
Filing date: 10-31-2002	Application No.: 10/285,872
continuations-in-part (C-l-P's), divisionals, and Letters Patent, and any and all Letters Patent o	set forth therein, and any and all continuations, renewals of and substitutes for said application for said of the United States and of countries foreign thereto which reissues, or reexaminations, or extensions of said Letters
be held and enjoyed by HP, its successors, as: the term or terms for which said Letters Pate	ations in my/our name for Letters Patent in any country, to signs, nominees or legal representatives, to the full end of nt respectively may be granted, reissued or extended, as een held and enjoyed by me/us had this assignment, and
that I/we have not executed and will not execute covenant and agree that I/we will, each time a deliver all such papers as may be necessary improvement(s), said application and said Let legal representatives, and I/we agree to corespecting said invention(s) or improvement(s), legal proceedings, to sign all lawful papers, C-I-P's, reissue and foreign applications, to ma everything possible to aid HP, its successors, enforce, for its or their own benefit, proper pa	full right to convey the entire interest herein assigned, and cute any agreement in conflict herewith, and I/we further a request is made, and without undue delay, execute and or or desirable to perfect the title to said invention(s) or sters Patent, to HP, its successors, assigns, nominees or mmunicate to HP, or to its nominee, all known facts, said application and said Letters Patent, to testify in any to execute all disclaimers and divisionals, continuations, aske all rightful oaths and declarations, and generally to do assigns, nominees and legal representatives to obtain and atent protection for said invention(s) or improvement(s) in es which may be incurred by me/us in lending such
States and any official of any country or count patents on applications as aforesaid, to issue to and all Letters Patent for said invention(s) or in	ne Commissioner of Patents and Trademarks of the United tries foreign to the United States whose duty it is to issue o HP, as assignee of the entire right, title and interest, any mprovement(s), including any and all Letters Patent of the anted on or as a result of the application aforesaid, in
I/we further authorize and direct HP atto application now identified by the attorney doc shall have been made known to them by the Ui	orneys to insert the serial number and filing date of said ket number and title set forth above as soon as the same nited States Patent and Trademark Office.
IN WITNESS WHEREOF, I/we hereunto set	
nventor's Signature (Seal)	Pate Assignment Signed: 1-28-3
nventor's Typed Name: Charles R. Weirauch	Date Application Signed: 1-28-03
State of	
) ss.: County of	
Before me this day of, p	ersonally appeared Charles B. Weitersch
	ersonally appeared <u>Charles R. Weirauch</u> who is sfactory evidence to be the person who acknowledged the foregoing
	Notary Public

PATENT 1 Of 1 REEL: 013736 FRAME: 0106

My commission expires: