FORM P10-15	95	01-11-2	002	U.S. DEPARTMENT OF COMMERCE
1-31-92			III III III III	Patent and Trademark Office
			(21) 22H (4E)	Attorney Docket No. 100200083-1
1. Name of co	nveying party(ies):	1021583	90 — I 2. Name and add	ress of receiving party(ies):
Daryl Ander				
Mitchell A.				CKARD COMPANY operty Administration
			P.O. Box 2724	100
Michael A.		7-15-02	Fort Collins, C	olorado 80527-2400
Andrew Vai		!		
	. Gutkowski	,		
Charles R. \	Veirauch			
Additional name(s)	of conveying party(ies) a	attached Yes X No	Additional name(s) &	address(es) attached?YesX No
3. Nature of Co	onveyance:			
X As	ssignment	Merger		Change of Name
Sec	curity Agreement	Other		
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	number(s) or patent			THE CM STATE OF THE PARTY OF TH
If this docume	nt is being filed toge	ther with a new appli	cation, execution d	late of the application is:
A. Patent App	lication No.(s)			B. Patent No. 100 133 133 133 133 133 133 133 133 133
Application No	.: 10/123,631	Date Filed: 04	/15/2002	<u> </u>
Confirmation N	o.: 6602	Additional numbe	ers attached? NO	-
	ddress of party to w document should be		6. Total number of	f applications and patents involved:1
	Manager		7. Total Fee (37 C	FR 3.41): \$40.00
	ual Property Adminis		Enclose	d
	ГТ-PACKARD COMP x 272400	ANY		
	llins, Colorado 8052	27-2400	X Authoria	zation to be charged to deposit account.
			8. Deposit Accou	nt Number: 08-2025
		DO NOT USE	THIS SPACE	
9. Statement a	and signature			
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Teresa K. T		Veresa 7	K. Viema	
Name of Pers	-	Signature		Date
	Total	number of pages includ	ing cover sheet, atta	chments, and document:5
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PATENT REEL: 013083 FRAME: 0354

PATENT APPLICATION

ATTORNEY DOCKET NO. 100200083-1

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

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:

under an application for Letters Patent of the United States entitled:
Marking Optical Disc Based On Information Related To Data Side Thereof
Filing date: $04/15/2002$ Application No.: $10/123, 631$
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.
IN WITNESS WHEREOF I/we hereunto set my/our hand(s) and seal(s): Date Assignment Signed: 3/2//0 Inventor's Signature (Seal)
Inventor's Typed Name: Daryl Anderson Date Application Signed: 3/21/0 ~
State of) ss.:
County of
Before me this day of, personally appeared
Makana Dakilia
Notary Public My commission expires:

REEL: 013083 FRAME: 0355

PATENT APPLICATION ATTORNEY DOCKET NO. 100200083-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

and the	Date Assignment Signed: 03/16/01		
nventor's Signature (Seal)			
nventor's Typed Name: Mitchell A. Abrams	Date Application Signed: <u>03/と6/0と</u>		
State of)			
County of			
Before me this day of,	, personally appeared <u>Mitchell A. Abrams</u> wi		
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Mulle A Datio	,		
- UMMAN IJ. FUIT	Date Assignment Signed: ZOMICH ZWZ		
nventor's Signature (Seal)			
nventor's Typed Name: Michael A. Pate	Date Application Signed: Zé NAKA Zoo Z		
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Instrument of assignment to be his/her free act and deed. Instrument of assignment to be his/her free act and deed. Inventor's Signature (Seal) Inventor's Typed Name: Andrew L. Van Brocklin	Notary Public My commission expires:		
Andrew L. Van Brocklin (specially known of ployed to the off the basis of senstrument of assignment to be his/her free act and deed. Andrew L. Van Brocklin (seal) (seal) (seal) (seal) (seal)	Notary Public My commission expires: Date Assignment Signed: 4 - 1 - 0 2		
Andrew L. Van Brocklin tate of) ss.:	Notary Public My commission expires: Date Assignment Signed: 4 - 1 - 0 2		
Andrew L. Van Brocklin tate of before me this day of personally known or proved to me on the basis of sales.	Date Assignment Signed: Date Application Signed: Date Application Signed: Date Application Signed: Description		
Andrew J. Clam Brocklin Inventor's Signature (Seal) Inventor's Typed Name: Andrew L. Van Brocklin tate of ounty of Before me this day of	Date Assignment Signed: Date Application Signed: Date Application Signed: Date Application Signed: Description		
Andrew J. Come Booklin Inventor's Signature (Seal) Inventor's Typed Name: Andrew L. Van Brocklin tate of Ounty of Before me this day of personally known or proved to me on the basis of sales.	Date Assignment Signed: Date Application Signed: Date Application Signed: Date Application Signed: Description		

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

Page 2 of 3

PATENT APPLICATION ATTORNEY DOCKET NO. 100200083-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

IN WITNESS WHEREOF, I we hereunto set my/o	our hand(s) and seal(s):
La Suttenh	Date Assignment Signed: 4/5/02
Inventor's Signature (Seal)	Date Application Signed 4/5/02
Inventor's Typed Name: Lawrence J. Gutkowski	Date Application Signed 4/5/02
State of) ss.:	
County of	
Before me this day of is personally known or proved to me on the basis of satisfacturement of assignment to be his/her free act and deed.	personally appeared Lawrence J. Gutkowski who sfactory evidence to be the person who acknowledged the foregoing
	Notary Public
	My commission expires:
See next page. Inventor's Signature (Seal)	Date Assignment Signed:
Inventor's Typed Name: Charles R. Weirauch	Date Application Signed
State of	
County of }	
Before me this day of is personally known or proved to me on the basis of sati instrument of assignment to be his/her free act and deed.	personally appeared Charles R. Weirauch who isfactory evidence to be the 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, is personally known or proved to me on the basis of sat instrument of assignment to be his/her free act and deed.	personally appearedwho isfactory evidence to be the person who acknowledged the foregoing
	Notary Public
	My commission expires:

Page 3 of 3

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

Rev 10/01 (Assign2)

PATENT APPLICATION ATTORNEY DOCKET NO. 100200083-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

See previous par Inventor's Signature (Seal)	ge	Date Assignment Signed:		
Inventor's Typed Name: Lawrence J	. Gutkowski	Date Application Signed		
State of	1			
State 01) ss.:	•		
County of)			
Before me this day of _ is personally known or proved to n instrument of assignment to be his/l	ne on the basis of sati	personally appeared Lawrence J. Gutkowski who sfactory evidence to be the person who acknowledged the foregoing		
		Notary Public		
		My commission expires:		
Inventor's Signature (Seal) Inventor's Typed Name: Charles R. 1 State of	Weirauch	Date Assignment Signed: AGRIL 8, 2002 Date Application Signed AGRIL 8, 2002		
County of)			
Before me thisday of _		personally appeared <u>Charles R. Weirauch</u> who		
is personally known or proved to n instrument of assignment to be his/		sfactory evidence to be the person who acknowledged the foregoing		
		Notary Public		
		My commission expires:		
		Date Assignment Signed:		
		Date Assignment digited.		
Inventor's Signature (Seal)		Date Assignment Signed.		
-				
-)			
Inventor's Typed Name:				
Inventor's Typed Name:State of County of Before me this day of _)) ss.:) ne on the basis of satis			
Inventor's Typed Name: State of County of Before me this day of _ is personally known or proved to n)) ss.:) ne on the basis of satis	Date Application Signed bersonally appeared who		

Page 3 of 3

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

RECORDED: 07/15/2002

Rev 10/01 (Assign2)