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FQRM PTO-1595 1-31-92		U.S. DEPARTMENT OF COM	
4.29.84	10274183	5 Attorney Docket No. 200208	823-1
1. Name of conveying party(ies):		2. Name and address of receiving party(ies):	"
Michael A. Pate		HEWLETT-PACKARD DEVELOPMENT COMPAN	NY, ∟P.
Guy Howard		20555 SH 249	2
		Houston, TX 77070	5. P.1
			375
		EV3/0/30070	0/8
		EV368630232	175
Additional name(s) of conveying party(ies) at	tachedYes _X_No	Additional name(s) & address(es) attached?Yes _X N	O
3. Nature of Conveyance:			
X Assignment	Merger	Change of Name	
Security Agreement	Other		
Execution Date(s): 04/24/2004, 04/	28/2004		
4. Application number(s) or patent n	umber(s):	10837558	
If this document is being filed toget	her with a new applic	cation, execution date of the application is: 04/24/2	2004,
A. Patent Application No.(s)		B. Patent No.(s)	7 2004
Application No.:	Date Filed:		
Confirmation No.:	Additional numbe	ers attached? NO	
5. Name and address of party to wh concerning document should be r		6. Total number of applications and patents involved	ed:
Records Manager		7. Total Fee (37 CFR 3.41): \$40.00	
Intellectual Property Administration HEWLETT-PACKARD COMPANY	on	Enclosed	
P.O. Box 272400	00	X Authorization to be charged to deposit a	account.
Fort Collins, Colorado 80527-24	00		
		8. Deposit Account Number: 08-2025	
	DO NOT USE	THIS SPACE	
9. Statement and signature.			
	elief, the foregoing in	nformation is true and correct and any attached cop	y is a
true copy of the original document. 5/07/2004 LHUELLER 00000128 082025 1083	7552		,
5/07/2004 LMUELLER 00000128 082025 1083 1 FC:8021 40.00 DA	( JUDO )	,	
David A. Morasch	Sollon	Apr 29, 2004	
Name of Person Signing	Signature	Date	
Total	number of pages includ	ing cover sheet, attachments, and document: 4	
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	Director of the US Pat	ent and Trademark Office lox 1450	
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Rev 10/03 (Recdason)

PATENT REEL: 015299 FRAME: 0506

## PATENT APPLICATION

ATTORNEY DOCKET NO. 200208823-1

HEWLETT-PACKARD COMPANY Intellectual Property Administrator 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 DEVELOPMENT COMPANY, L.P., a Texas Limited Partnership having its principal place of business in Houston, Texas, (hereinafter HPDC), in furtherance of my/our obligations to the Hewlett-Packard

Company and its subsidiaries and affiliates, and de-	o hereby assign and transfer to HPDC, its successors including the right of priority, in, to and under an entitled:
Reflective Optical Assembly	
Filing date:	Application No.:
continuations-in-part (C-I-P's), divisionals, and ren Letters Patent, and any and all Letters Patent of th	t forth therein, and any and all continuations, newals of and substitutes for said application for said the United States and of countries foreign thereto which sues, or reexaminations, or extensions of said Letters
country, to be held and enjoyed by HPDC, its suctite full end of the term or terms for which said L	oplications in my/our name for Letters Patent in any cessors, assigns, nominees or legal representatives, to etters Patent respectively may be granted, reissued or ould have been held and enjoyed by me/us had this
that I/we have not executed and will not execute covenant and agree that I/we will, each time a re deliver all such papers as may be necessary or improvement(s), said application and said Letters legal representatives, and I/we agree to commune respecting said invention(s) or improvement(s), said legal proceedings, to sign all lawful papers, to C-I-P's, reissue and foreign applications, to make everything possible to aid HPDC, its successors, and enforce, for its or their own benefit, proper as	right to convey the entire interest herein assigned, and any agreement in conflict herewith, and I/we further equest is made, and without undue delay, execute and redesirable to perfect the title to said invention(s) or Patent, to HPDC, its successors, assigns, nominees or inicate to HPDC, or to its nominee, all known facts tid application and said Letters Patent, to testify in any execute all disclaimers and divisionals, continuations, all rightful oaths and declarations, and generally to do assigns, nominees and legal representatives to obtain atent protection for said invention(s) or improvement(s) is which may be incurred by me/us in lending such
States and any official of any country or countries patents on applications as aforesaid, to issue to hany and all Letters Patent for said invention(s) or	Commissioner of Patents and Trademarks of the United is foreign to the United States whose duty it is to issue HPDC, as assignee of the entire right, title and interest, improvement(s), including any and all Letters Patent of inted on or as a result of the application aforesaid, in
	s of record to insert the serial number and filing date of ocket number and title set forth above as soon as the e United States Patent and Trademark Office.
IN WITNESS WHEREOF I/we hereunto set my    Water   Date	//our hand(s) and seal(s): Assignment Signed: 24 April 04
Inventor's Typed Name Michael A. Pate	Date Application Signed: 24 April 04
State of Arizona )	·
County of Pinns )	
Before me this Aday of April 2004 personally known or proved to me on the basis of satisfact instrument of assignment to be his/her free act and deed.	onally appeared Michael Rate who is ctory evidence to be the person who acknowledged the foregoing
Rey 02/03 (Assign) (Use Page Two For Additional Inv	CFFCAL SIAL Nobry Public () SANT GEORGE Mykonomission expires Sept. 11, 2005 Hotels Public state of Arizone Fig. (NUMEY My Comm. Expires Supt. 11, 2005 remier(s) Signature(s) Page 1 of

**PATENT** 

REEL: 015299 FRAME: 0507

HewlettPackard

When recorded please return to:

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

## PATENT APPLICATION

ATTORNEY DOCKET NO. 200208823-1

## ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned (each) have agreed and hereby agree to assign to HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., a Texas Limited Partnership having its principal place of business in Houston, Texas, (hereinafter HPDC), in furtherance of my/our obligations to the Hewlett-Packard Company and its subsidiaries and affiliates, and do hereby assign and transfer to HPDC, 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:

Reflective Optical Assembly		
Filing date:	Application No.:	

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 HPDC to file applications in my/our name for Letters Patent in any country, to be held and enjoyed by HPDC, 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 HPDC, its successors, assigns, nominees or legal representatives, and I/we agree to communicate to HPDC, 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 HPDC, 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 HPDC;

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 HPDC, 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 the attorneys of record 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 Assign	rment Signed:
Inventor's Signature (Seal)		
Inventor's Typed Name: Michael A	. Pate	Date Application Signed:
State of	) ) ss.:	
County of	)	
		who is
Post-it® Fax Note 7671	Date # of pages ►	e the person who acknowledged the foregoing
TO DATE MORASH	From CV 1/107, NA	17
Co./Dept.	Go.	Notary Public My commission expires:
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541 715 9₽ATENTPAGE.01

REEL: 015299 FRAME: 0508

When recorded please return		PATENT APPLICATION
HEWLETT-PACKARD COMPA Intellectual Property Administr P. O. Box 272400		ATTORNEY DOCKET NO. 200208823-1
Fort Collins, Colorado 80527-	2400	
	ASSIGNMEN	IT OF PATENT APPLICATION (cont.)
./		
IN WITNESS WHEREOF	; I/w.e hereunto set r	my/our hand(s) and seal(s):
1		Date Assignment Signed: 28/04/04
nventor's Signature (Seal)		Date Assignment Signed:
nventor's Typed Name: Guy	/ Howard	Date Application Signed: 25/04/04
State of	)	
County of	) 88.:	
•	,	
Before me this day personally known or proved	to me on the basis of	who is satisfactory evidence to be the person who acknowledged the foregoing
instrument of assignment to b		
		Notary Public
		My commission expires:
number of Cinneture (Co. 1)		Date Assignment Signed:
nventor's Signature (Seal)		
nventor's Typed Name:		Date Application Signed:
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Before me this day personally known or proved	of to me on the basis of .	satisfactory evidence to be the person who acknowledged the foregoing
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