FORM PTO-1595 1-31-92	10-01-2004	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office Attorney Docket No. 200315301-1
Name of conveying party(i)	102849385	and address of receiving party(ies):
Eric F. Aas		HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.
Gregory V. Hofer		20555 SH 249
Casey L. Miller		Houston, TX 77070
Additional name(s) of conveying party(ies) at	tachedYes _X_No	Additional name(s) & address(es) attached?Yes _X No 10/946777
3. Nature of Conveyance:		
X Assignment	Merger	Change of Name
Security Agreement	Other	
Execution Date(s): September 20, 2	004	
4. Application number(s) or patent n	number(s):	
If this document is being filed toget	her with a new applic	cation, execution date of the application is: 09/20/2004
A. Patent Application No.(s)		B. Patent No.(s)
Application No.:	Date Filed:	
Confirmation No.:	Additional numbe	ers attached? NO
Name and address of party to wh concerning document should be r		6. Total number of applications and patents involved: 1
Records Manager Intellectual Property Administration	-n	7. Total Fee (37 CFR 3.41): \$40.00
HEWLETT-PACKARD COMPANY	011	Enclosed
P.O. Box 272400 Fort Collins, Colorado 80527-24	00	X Authorization to be charged to deposit account.
		8. Deposit Account Number: 08-2025
	DO NOT USE	THIS SPACE
Statement and signature.		
To the best of my knowledge and be true copy of the original document.	elief, the foregoing ir	nformation is true and correct and any attached copy is a
Jerry L. Mahurin		September 22, 2004
Name of Person Signing	Signature	Date
	number of pages includi	ng cover sheet, attachments, and document: 5
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REEL: 015831 FRAME: 0719

PATENT APPLICATION

ATTORNEY DOCKET NO. 200315301-1

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 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:

SYSTEMS AND METHODS FOR ARRIVING AT AN AUTO FOCUS FIGURE OF MERIT		
Filing date: Application No.:		
and the invention(s) and improvement(s) set forth therein, and any and all continuations-in-part (C-I-P's), divisionals, and renewals of and substitutes for said application for Letters Patent, and any and all Letters Patent of the United States and of countries foreign thereto w may be granted thereon or therefor; and any reissues, or reexaminations, or extensions of said Let Patent.	said hich	
I/we additionally authorize HPDC to file applications in my/our name for Letters Patent in country, to be held and enjoyed by HPDC, its successors, assigns, nominees or legal representatives the full end of the term or terms for which said Letters Patent respectively may be granted, reissue extended, as fully and entirely as the same would have been held and enjoyed by me/us had assignment, and transfer not been made;	s, to d or	
AND I/we hereby covenant that I/we have full right to convey the entire interest herein assigned, that I/we have not executed and will not execute any agreement in conflict herewith, and I/we fur covenant and agree that I/we will, each time a request is made, and without undue delay, execute deliver all such papers as may be necessary or desirable to perfect the title to said invention(s improvement(s), said application and said Letters Patent, to HPDC, its successors, assigns, nominee legal representatives, and I/we agree to communicate to HPDC, or to its nominee, all known for respecting said invention(s) or improvement(s), said application and said Letters Patent, to testify in legal proceedings, to sign all lawful papers, to execute all disclaimers and divisionals, continuation C-I-P's, reissue and foreign applications, to make all rightful oaths and declarations, and generally to everything possible to aid HPDC, its successors, assigns, nominees and legal representatives to obtain any and all countries provided the expenses which may be incurred by me/us in lending scooperation and assistance are paid by HPDC;	ther and s) or es or acts any ons, o do otain nt(s)	
AND I/we hereby authorize and request the Commissioner of Patents and Trademarks of the Ur States and any official of any country or countries foreign to the United States whose duty it is to is patents on applications as aforesaid, to issue to HPDC, as assignee of the entire right, title and interanged and all Letters Patent for said invention(s) or improvement(s), including any and all Letters Pater the United States which may be issued and granted on or as a result of the application aforesaid accordance with the terms of this assignment.	ssue rest, nt of	
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.		
JN WITNESS WHEREOF, I/we hereunto set my/our hand(s) and seal(s):		
Date Assignment Signed: 9-20.07		
Inventor's Signature (Seal)		
Inventor's Typed Name: <u>Fric F. Aas</u> Date Application Signed: 9-20-09		
State of) ss.:		
County of)		
Before me this day of, personally appeared <u>Eric F. Aas</u> w personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the fore instrument of assignment to be his/her free act and deed.	ho is going	
Notary Public My commission expires:		

Rev 05/04 (Assign)

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

Page 1 of 2

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

PATENT APPLICATION ATTORNEY DOCKET NO. 200315301-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

IN WITNESS WHEREOF, I/we hereur	nto set my/our hand(s) and seal(s):
Sean V. A.L.	Date Assignment Signed: 9-20-04
Inventor's Signature (Seal)	Date / toolgiment digited
Inventor's Typed Name: Gregory V. Hofer	Date Assignment Signed: 9-20-04 Date Application Signed: 9-20-04
)
County of) ss.:
•	
Before me this day of personally known or proved to me on the instrument of assignment to be his/her free a	, personally appeared who is basis of satisfactory evidence to be the person who acknowledged the foregoing ct and deed.
	Notary Public
	My commission expires:
/	
Carallo da	Date Assignment Signed: 9/20/04
Inventor's Signature (Seal)	• ,
Inventor's Typed Name: Casey L. Miller	Date Application Signed: 9/20/04
State of	
County 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 a	, personally appeared <u>Casey L Miller</u> who is basis of satisfactory evidence to be the person who acknowledged the foregoing ct and deed.
	Notary Public
	My commission expires:
	Data Audio and A Cina da
Inventor's Signature (Seal)	Date Assignment Signed:
Inventor's Typed Name:	Date Application Signed:
State of	
County of) ss.:
Before me this day of	, personally appeared who is
personally known or proved to me on the instrument of assignment to be his/her free ac	basis of satisfactory evidence to be the person who acknowledged the foregoing at and deed.
	Notary Public
	My commission expires:

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

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