FORM PTO-1595	03-11-2	005	U.S. DEPARTMENT OF COMME Patent and Trademark O
: 3/26/00			Attorney Docket No. 200404786-
1. Name of conveying party(ies):	1029574	108	ess of receiving party(ies):
Michael M. Blythe Jeffrey Thielman		HEWLETT 20555 SH	-PACKARD DEVELOPMENT COMPANY, L
Additional name(s) of conveying party(ies) atta	ched <u>Y</u> es <u>X</u> No	Additional name	(s) & address(es) attached?Yes _X No
3. Nature of Conveyance:			133
X Assignment	Merger		Change of Name
Security Agreement	Other		
Execution Date(s): 2-24-2005 for both	h inventors		
4. Application number(s) or patent nu			
• •		ation, execution	on date of the application is: 2-24-2005
A. Patent Application No.(s)			B. Patent No.(s)
Application No.:	Date Filed:		
Confirmation No.:	Additional numbers	s attached?	NO
			per of applications and patents involved: 1
5. Name and address of party to whom correspondence concerning document should be mailed:		7. Total Fee (37 CFR 3.41): \$40.00	
Records Manager Intellectual Property Administration		•	·
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	8	B. Deposit A	ccount Number: 08-2025
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To the best of my knowledge and be	lief, the foregoing inf	ormation is t	rue and correct and any attached copy is
true copy of the original document.	^		
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Michael Dryja	M		Feb 25, 2005
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PATENT APPLICATION

ATTORNEY DOCKET NO. _200404786-1

FEWLETT-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:

	Patent of the United Sta	tes entitled:	
Detecting light to dete	ermine position of object		
Filing date:		Application No	.:
continuations-in-part (Letters Patent, and an	(C-I-P's), divisionals, and ly and all Letters Patent o	renewals of and sub of the United States a	and any and all continuations ostitutes for said application for said nd of countries foreign thereto which nations, or extensions of said Letters
country, to be held ar	nd enjoyed by HPDC, its m or terms for which sai nd entirely as the same	successors, assigns, id Letters Patent resp	our name for Letters Patent in any nominees or legal representatives, to ectively may be granted, reissued or eld and enjoyed by me/us had this
that I/we have not excovenant and agree the deliver all such paper improvement(s), said a legal representatives, respecting said inventified proceedings, to C-I-P's, reissue and foreverything possible to and enforce, for its or in any and all countries.	recuted and will not exect that I/we will, each time at its as may be necessary application and said Letter and I/we agree to common(s) or improvement(s), sign all lawful papers, areign applications, to may aid HPDC, its successor their own benefit, prope	cute any agreement in a request is made, and or desirable to perfers Patent, to HPDC, imunicate to HPDC, said application and to execute all disclaiable all rightful oaths ars, assigns, nomineer patent protection for	e entire interest herein assigned, and n conflict herewith, and I/we further without undue delay, execute and fect the title to said invention(s) or its successors, assigns, nominees or or to its nominee, all known facts said Letters Patent, to testify in any mers and divisionals, continuations, and declarations, and generally to do and legal representatives to obtain r said invention(s) or improvement(s) incurred by me/us in lending such
States and any official patents on application any and all Letters Patthe United States whi	l of any country or count s as aforesaid, to issue t tent for said invention(s)	ries foreign to the Ur o HPDC, as assignee or improvement(s), ir	atents and Trademarks of the United lited States whose duty it is to issue of the entire right, title and interest, icluding any and all Letters Patent of esult of the application aforesaid, in
said application now i	dentified by the attorney	docket number and	t the serial number and filing date of title set forth above as soon as the ent and Trademark Office.
IN WITNESS WHE	REOF, I/we hereunto set	my/our hand(s) and s	seal(s):
Muchael M. B	July 0	ate Assignment Signed:	2-24-2005
Inventor's Signature (Seal)			
Inventor's Typed Name: Mic	hael M. Blythe	Date Application	on Signed: 2-24-2005
State of)		
County of) ss.:)		
County of	,		
personally known or prove	y of, p d to me on the basis of satis be his/her free act and deed.		hael M. Blythe who is the person who acknowledged the foregoing
			Notary Public
			My commission expres:
•			

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

Page 1 of 2

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PATENT APPLICATION				
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ASSIGNMENT OF PATENT APPLICATION (cont.)

albert 1	Tich	Date Assignment Signed:	1/24/05	
Inventor's Signature (Seal)				
Inventor's Typed Name: Jeffre	y Thielman	Date Application	Signed: 2/24/05	
State of)			
County of) ss.:			
•	,			
Before me this day personally known or proved instrument of assignment to b	to me on the basis of	, personally appeared Jeffn satisfactory evidence to be the eed.	ey Thielman e person who acknowledged	the foregoin
			Notary Public	
			My commission expires:	
Inventor's Signature (Seal)		Date Assignment Signed:		····
Inventor's Typed Name:		Date Application	Signed:	
State of)			
County of) ss.:			
•	,			
Before me this day personally known or proved instrument of assignment to be	to me on the basis of	, personally appeared satisfactory evidence to be the sed.	person who acknowledged	the foregoin
			Notary Public	
			My commission expires:	
Inventor's Signature (Seal)		Date Assignment Signed:		
		Data Baalisadiaa	Oinead.	
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 t instrument of assignment to be	to me on the basis of	satisfactory evidence to be the	person who acknowledged	
			Notary Public	
			My commission expires:	
	(Use Page Three For Ad	ditional Inventor(s) Signature(s))	Page	2 of 2
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