FORM PTO-1595 1-31-92		04-11-2005			U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office	
				Attorney Docket No. 200407529-1		
1. Name of conve	eying party(ies):	102976397		Idress of receiving party(ies):		
David A. Rehm	nann		HEWLETT	-PACKARD DEVELOPME	NT COMPANY, L.P.	
			20555 SH Houston, ⁻	1 249 TX 77070	112935 U.S. PTO 11/092321	
	conveying party(ies) attac	ched Yes X No	Additional name	(s) & address(es) attached?	Yes _X No	
3. Nature of Conveyance: X Assignment		Merger		Change of Name		
Security Agreement		Other				
Execution Date(s)	: Mar. 29, 2005					
· ·	mber(s) or patent nu	mber(s):				
If this document	is being filed togeth	er with a new appli	cation, executi	on date of the application	n is: 03/29/2005	
A. Patent Application No.(s)			B. Patent No.(s)			
Application No.:		Date Filed:				
Confirmation No.:	:	Additional number	ers attached? _	NO		
Name and address of party to whom correspondent concerning document should be mailed:			6. Total number of applications and patents involved: 1			
Records Mana	ger		7. Total Fee (37 CFR 3.41): \$40.00			
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P.O. Box 2724 Fort Collins, C	400 Colorado 80527-240	0	_X Au	thorization to be charged	to deposit account.	
			8. Deposit A	ccount Number: 08-20	25	
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9. Statement and	I signature.		*** * * * * * * * * * * * * * * * * * *	,	***************************************	
To the best of m	•	lief, the foregoing i	information is t	rue and correct and any	attached copy is a	
Matthew B. M		116-1	SMA	<u>Mar. 29,</u>	2005	
Name of Person		Signature	11mm aassan ahaas	Date	2	
OMB No. 0651-0011		umber of pages includ	ung cover sheet,	, attachments, and docume	nt:	
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HEWLETT-PACKARD COMPANY Intellectual Property Administrator P. O. Box 272400 Fort Collins, Colorado 80527-2400

PATENT APPLICATION

ATTORNEY DOCKET NO. 200407529-1

ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned (each) heve 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:

Application No.: and the invention(s) and improvement(s) set forth therein, and any and all continuation continuations-in-part (C-I-P's), divisionals, and renewals of and substitutes for said application for sa Letters Patent, and any and all Letters Patent of the United States and of countries foreign thereto whim may be granted thereon or therefor; and any relasues, or reexaminations, or extensions of said Letter Patent. **Mew additionally authorize HPDC to file applications in my/our name for Letters Patent in at country, to be held and enjoyed by HPDC, its successors, assigne, nominees or legal representatives, the full end of the term or terms for which said Letters Patent respectively may be granted reissued extended, as fully and entirely as the same would have been held and enjoyed by me/us had the assignment, and transfer not been made; AND I/we hereby covenant that I/we have full right to convey the entire interest herein assigned, at that I/we have not executed and will not execute any agreement in conflict herewith, and I/we furth 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) improvement(s), said application and said Letters Patent, to HPDC, its successors, assigns, nominees legal representatives, and I/we agree to communicate to HPDC, or to its nominee, all known fac respecting said invention(s) or improvement(s), said application and said Letters Patent, to testify in a 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 all HPDC, its successors, assigns, nominees delegal representatives to obtain any and all countries provided the expenses which may be incurred by me/us in lending su cooperation and assistance are paid by HPDC; AND I/we hereby authorize and direct th	LIGHT GUIDE	
and the invention(s) and improvement(s) set forth therein, and any and all continuation continuations-in-part (C-I-P's), divisionals, and renewals of and substitutes for said application for selectives 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 relissues, or reexaminations, or extensions of said Letter Patent. I/we additionally authorize HPDC to file applications in my/our name for Letters Patent in at 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, reissued extended, as fully and entirely as the same would have been held and enjoyed by me/us had the assignment, and transfer not been made; AND I/we hereby covenant that I/we have full right to convey the entire interest herein assigned, at that I/we have not executed and will not execute any agreement in conflict herewith, and I/we furth covenant and agree that I/we will, each time a request is made, and without under delay, execute a deliver all such papers as may be necessary or destrable to perfect the title to said invention(s) improvement(s), said application and said Letters Patent, to HPDC, its successors, assigns, nominess legal representatives, and I/we agree to communicate to HPDC, or to its nominee, all known face respecting said invention(s) or improvement(s), said application and said Letters Patent, to testify in a legal proceedings, to sign all lawful papers, to execute all disclaimers and divisionals, continuation cl-IP's, refessue and foreign applications, to make all rightful oaths and delclarations, and generally to everything possible to aid HPDC, its successors, assigns, nominees and legal representatives to obte overything possible to aid HPDC, its successors, assigns, nominees and legal representatives to obte overything possible to aid HPDC, its successors, assigns, nominees and legal representa		
continuations-in-part (C-I-P's), divisionals, and renewals of and substitutes for said application for sate Letters Patent, and any and all Letters Patent of the United States and of countries foreign thereto whimay be granted thereon or therefor; and any reissues, or reexaminations, or extensions of said Letter Patent. I/we additionally authorize HPDC to file applications in my/our name for Letters Patent in an 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, reissued extended, as fully and entirely as the same would have been held and enjoyed by me/us had the assignment, and transfer not been made; AND I/we hersby covenant that I/we have full right to convey the entire interest herein assigned, at that I/we have not executed and will not execute any agreement in conflict herewith, and I/we furth covenant and agree that I/we will, each time a request is made, and without undue delay, execute a 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, nominees legal representatives, and I/we agree to communicate to HPDC, or to its nominee, all known fac respecting said invention(s) or improvement(s), said applications and declarations, and generally to everything possible to aid HPDC, its successors, assigns, nominees and legal representatives to obte overything possible to aid HPDC, its successors, assigns, nominees and legal representatives to obte and enforce, for its or their own benefit, proper patent protection for said invention(s) or improvement in any and all countries provided the expenses which may be incurred by me/us in lending su cooperation and assistance ere paid by HPDC; AND I/we hereby authorize and request the Commissioner of Patents and Trademarks of the Unit States and any official of any country or countries forei	Filing date:	Application No.:
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, reissued extended, as fully and entirely as the same would have been held and enjoyed by me/us hed the assignment, and transfer not been made; AND I/we hereby covenant that I/we have full right to convey the entire interest herein assigned, at that I/we have not executed and will not execute any agreement in conflict herewith, and I/we furth covenant and agree that I/we will, each time a request is made, and without undue delay, execute at 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, nominees legal representatives, and I/we agree to communicate to HPDC, or to its nominee, all known fac respecting said invention(s) or improvement(s), said application and said Letters Patent, to testify in a 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 su cooperation and assistance are paid by HPDC; AND I/we hereby authorize and request the Commissioner of Patents and Trademarks of the Unit States and any official of any country or countries foreign to the United States whose duty it is to iss patents on applications as aforesaid, to issue to HPDC, as assignee of the entire right, title and interer any and all Letters Patent for said invention(s) or improvement(s), including any and all Letters Patent for said inventions or improvement(s), including any and all Letters Patent for said inventions or improvement and title set forth above as soon as to	continuations-in-part (C-I-P's), dividenters Patent, and any and all Let may be granted thereon or therefore.	isionals, and renewals of and substitutes for said application for said ters Patent of the United States and of countries foreign thereto which
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 at 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, nominees legal representatives, and I/we agree to communicate to HPDC, its successors, assigns, nominees, all known far respecting said invention(s) or improvement(s), said application and said Letters Patent, to testify in a 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 enforce, for its or their own benefit, proper patent protection for said invention(s) or improvement in any and all countries provided the expenses which may be incurred by me/us in lending su cooperation and assistance are paid by HPDC; AND I/we hereby authorize and request the Commissioner of Patents and Trademarks of the Unit States and any official of any country or countries foreign to the United States whose duty it is to iss patents on applications as aforesaid, to issue to HPDC, as assignee of the entire right, title and interer any and all Letters Patent for said invention(s) or improvement(s), including any and all Letters Patent 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. I/we further authorize and direct the attorneys of record to insert the serial number and filing date said application now identified by the attorney docket number and title set forth above as soon as t same shall have been made known to them by the United States Patent and Trademark Office. IN WITNESS WHEREOF, I/we her	country, to be held and enjoyed be the full end of the term or terms to extended, as fully and entirely a	y HPDC, its successors, assigns, nominees or legal representatives, to for which said Letters Patent respectively may be granted, reissued or is the same would have been held and enjoyed by me/us had this
States and any official of any country or countries foreign to the United States whose duty it is to iss patents on applications as aforesaid, to issue to HPDC, as assignee of the entire right, title and interes any and all Letters Patent for said invention(s) or improvement(s), including any and all Letters Patent 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. I/we further authorize and direct the attorneys of record to insert the serial number and filing date said application now identified by the attorney docket number and title set forth above as soon as t 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: Date Application Signed: Date Application Signed: Date Application Signed: Date Application Signed: Date Agriculture (Seal) Inventor's Typed Name: Date Application Signed: Date Application Signed: Date Agriculture (Seal) Date Application Signed: Date Agriculture (Seal) Notery Fublic	that I/we have not executed and covenant and agree that I/we will deliver all such papers as may be improvement(s), said application a legal representatives, and I/we a respecting said invention(s) or implegal proceedings, to sign all law C-I-P's, reissue and foreign application everything possible to aid HPDC, and enforce, for its or their own bin any and all countries provide	will not execute any agreement in conflict herewith, and I/we further, each time a request is made, and without undue delay, execute and be necessary or desirable to perfect the title to said invention(s) or and said Letters Patent, to HPDC, its successors, assigns, nominees or agree to communicate to HPDC, or to its nominee, all known facts provement(s), said application and said Letters Patent, to testify in any ful papers, to execute all disclaimers and divisionals, continuations, ations, to make all rightful oaths and declarations, and generally to do its successors, assigns, nominees and legal representatives to obtain enefit, proper patent protection for said invention(s) or improvement(s) d the expenses which may be incurred by me/us in lending such
said application now identified by the attorney docket number and title set forth above as soon as t 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: Your 21, 2005	States and any official of any coupatents on applications as aforesa any and all Letters Patent for said the United States which may be	ntry or countries foreign to the United States whose duty it is to issue id, to issue to HPDC, as assignee of the entire right, title and interest, invention(s) or improvement(s), including any and all Letters Patent of issued and granted on or as a result of the application aforesaid, in
Inventor's Signature (Seal) Inventor's Typed Name: David A. Rehmann Date Application Signed: Market 21, 2005 State of) ss.: County of Before me this day of, personally appeared David A. Rehmann who personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoinstrument of assignment to be his/her free act and deed.	said application now identified by	the attorney docket number and title set forth above as soon as the
Inventor's Typed Name: David A. Rehmann Date Application Signed: 121, 225 State of) I ss.: County of) Before me this day of, personally appeared David A. Rehmann who personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the forego instrument of assignment to be his/her free act and deed.	IN WITNESS WHEREOF, I/we	hereunto set my/our hand(s) and seal(s):
State of) ss.: County of) ss.: Before me this day of, personally appeared		
Before me this day of, personally appeared David A. Rehmann who personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the forego instrument of assignment to be his/her free act and deed.		Date Application Signed: 1
personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the forego instrument of assignment to be his/her free act and deed. Notary Public		
• •	personally known or proved to me on the	ne basis of satisfactory evidence to be the person who acknowledged the foregoing
• •		Notery Public
my commission expires:		My commission expires:

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