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FORM PTO-1595 1-31-92	RECORDATION FOR	PM OOVED DUEEN	U.S. DEPARTMENT OF COMMERC
	PATENTS		Patent and Trademark Offi
Name of conveying party(ies):	17.1-11.0		Attorney Docket No. 100201676-1
Gregory F. Albrecht		2. Name and add	ress of receiving party(ies):
72,		HEWLETT-PAC 20555 SH 249 Houston, TX	
Additional name(s) of conveying party(les)	attachedYes _X No	Additional name(s) & ;	address(es) attached?Yes _X No
3. Nature of Conveyance:		Productive Hameley & E	address(es) attached:Yes _X No
X Assignment	Merger	_	Change of Name
Security Agreement	Other		
Execution Date(s): 5/29/03			
4. Application number(s) or patent	number(s):		
If this document is being filed toge		cation, execution da	te of the application is:
A. Patent Application No.(s)			
Application No.: 10/453,715	Date Filed: Ju	ne 3, 2003	B. Patent No.(s)
Confirmation No.: 1377		Additional numbers attached? NO	
a a a a a ministra principle De	hom correspondence mailed:	6. Total number of	applications and patents involved: 1
Records Manager		7. Total Fee (37 CF	R 3.41): \$40.00
Intellectual Property Administrati HEWLETT-PACKARD COMPANY	ion '	Enclosed	
P.O. Box 272400			
Fort Collins, Colorado 80527-24	100	Authoriza	ation to be charged to deposit account.
		8. Deposit Account	t Number: <u>08-2025</u>
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9. Statement and signature.			
	pelief, the foregoing in	formation is true and	d correct and any attached copy is a
Maria Golnick	maria	Joense	Sep 17, 2003
Name of Person Signing	Signature	- //20.1-2-	Date
Total r	number of pages including	ng cover sheet, attachr	ments, and document: 3
OMB No. 0651-0011 (exp. 4/94)		,	
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PATENT APPLICATION

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

ATTORNEY DOCKET NO. 100201676-1

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:

SYSTEMS AND METHODS FOR PROVIDING COMMUN HARDWARE SIMULATOR	ICATION BETWEEN A DEBUGGER AND A
	ication No.: 10/453715
and the invention(s) and improvement(s) set forth continuations-in-part (C-I-P's), divisionals, and renewals of Letters Patent, and any and all Letters Patent of the United may be granted thereon or therefor; and any reissues, or Patent.	therein, and any and all continuations, of and substitutes for said application for said
I/we additionally authorize HPDC to file application country, to be held and enjoyed by HPDC, its successors, the full end of the term or terms for which said Letters Pextended, as fully and entirely as the same would have assignment, and transfer not been made;	assigns, nominees or legal representatives, to
AND I/we hereby covenant that I/we have full right to that I/we have not executed and will not execute any ag covenant and agree that I/we will, each time a request is deliver all such papers as may be necessary or desirab improvement(s), said application and said Letters Patent, t legal representatives, and I/we agree to communicate to respecting said invention(s) or improvement(s), said applications and proceedings, to sign all lawful papers, to execute C-I-P's, reissue and foreign applications, to make all rightf everything possible to aid HPDC, its successors, assigns, and enforce, for its or their own benefit, proper patent pro in any and all countries provided the expenses which cooperation and assistance are paid by HPDC;	made, and without undue delay, execute and le to perfect the title to said invention(s) or o HPDC, its successors, assigns, nominees or HPDC, or to its nominee, all known facts ation and said Letters Patent, to testify in any all disclaimers and divisionals, continuations, ulloaths and declarations, and generally to do nominees and legal representatives to obtain
AND I/we hereby authorize and request the Commission States and any official of any country or countries foreign patents on applications as aforesaid, to issue to HPDC, as any and all Letters Patent for said invention(s) or improvem the United States which may be issued and granted on accordance with the terms of this assignment.	assignee of the entire right, title and interest,
I/we further authorize and direct the attorneys of record said application now identified by the attorney docket nur same shall have been made known to them by the United S	to insert the serial number and filing date of ober and title set forth above as soon as the tates Patent and Trademark Office.
IN WITNESS WHEREOF, I/we hereunto set my/our hand nventor's Sonatyle (Seal)	l(s) and seal(s): Signed: May 29, 2003
	e Application Signed: May 29, 2003
State of)	
County of) ss.:	
Before me this day of, personally appear personally known or proved to me on the basis of satisfactory evidence instrument of assignment to be his/her free act and deed.	ed <u>Gregory F. Albrecht</u> who is se to be the person who acknowledged the foregoing

PATENT REEL: 013985 FRAME; 0992 №

Notary Public My commission expires:

SEP-17-2003 12:44 970 898 7247 P.02 HEWLETT PACKARD LGL FCOLL FORM PTO-1595 U.S. DEPARTMENT OF COMMERCE 1-31-92 RECORDATION FORM COVER SHEET Patent and Trademark Office PATENTS ONLY Attorney Docket No. _1002<u>01</u>676-1 1. Name of conveying party(ies): Name and address of receiving party(ies): Gregory F. Albrecht HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. 20555 SH 249 Houston, TX 77070 Additional name(s) of conveying party(ies) attached ___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): 5/29/03 Application number(s) or patent number(s); If this document is being filed together with a new application, execution date of the application is: A. Patent Application No.(s) B. Patent No.(s) Application No.: 10/453,715 Date Filed: June 3, 2003 Confirmation No.: 1377 Additional numbers attached? NO 5. Name and address of party to whom correspondence | 6. Total number of applications and patents involved: $\frac{1}{2}$ concerning document should be mailed: Records Manager 7. Total Fee (37 CFR 3.41): \$40.00 Intellectual Property Administration **HEWLETT-PACKARD COMPANY** ___ Enclosed P.O. Box 272400 Fort Collins, Colorado 80527-2400 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 belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Maria Golnick Name of Person Signing Total number of pages including cover sheet, attachments, and document: 3 OMB No. 0651-0011 (exp. 4/94) Do Not detach this portion Mail document to be recorded with required cover sheet information to:

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