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Attorney Docket No. 200406979-1

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2. Name and address of receiving party(ies):

HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. 20555 SH 249
Houston. TX 77070

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Additional name(s) of conveying party(ies) attached	Yes 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): 2/18/05, 2/23/05				
4. Application number(s) or patent numbe	r(s):			
If this document is being filed together w	ith a new appli	cation, execution date of the application is: 2/18/05		
A. Patent Application No.(s)		B. Patent No.(s)		
Application No.:	Date Filed:			
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Fort Collins, Colorado 80527-2400		X Authorization to be charged to deposit account.		
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**PATENT REEL: 016330 FRAME: 0946**  HEWLETT-PACKARD COMPANY Intellectual Property Administrator P. O. Box 272400 Fort Collins, Colorado 80527-2400 PATENT APPLICATION

ATTORNEY DOCKET NO. 200406979-1

## 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:

Memory Interface Method And Apparatus	
Filing date: Ap	oplication No.:
and the invention(s) and improvement(s) set for continuations-in-part (C-I-P's), divisionals, and renewal Letters Patent, and any and all Letters Patent of the Unimay be granted thereon or therefor; and any reissues, Patent.	s of and substitutes for said application for said ted States and of countries foreign thereto which
I/we additionally authorize HPDC to file applicate country, to be held and enjoyed by HPDC, its successor the full end of the term or terms for which said Letters extended, as fully and entirely as the same would hassignment, and transfer not been made;	rs, assigns, nominees or legal representatives, to Patent respectively may be granted, reissued or
AND I/we hereby covenant that I/we have full right that I/we have not executed and will not execute any covenant and agree that I/we will, each time a request deliver all such papers as may be necessary or designimprovement(s), said application and said Letters Patern legal representatives, and I/we agree to communicate respecting said invention(s) or improvement(s), said application said invention(s) or improvement(s), said application proceedings, to sign all lawful papers, to execut C-I-P's, reissue and foreign applications, to make all rige everything possible to aid HPDC, its successors, assig and enforce, for its or their own benefit, proper patent in any and all countries provided the expenses whice cooperation and assistance are paid by HPDC;	agreement in conflict herewith, and I/we further is made, and without undue delay, execute and rable to perfect the title to said invention(s) or t, to HPDC, its successors, assigns, nominees or to HPDC, or to its nominee, all known facts plication and said Letters Patent, to testify in any te all disclaimers and divisionals, continuations, the protection for said invention(s) or improvement(s)
AND I/we hereby authorize and request the Comm States and any official of any country or countries fore patents on applications as aforesaid, to issue to HPDC, any and all Letters Patent for said invention(s) or impro the United States which may be issued and granted accordance with the terms of this assignment.	ign to the United States whose duty it is to issue as assignee of the entire right, title and interest, vement(s), including any and all Letters Patent of
I/we further authorize and direct the attorneys of resaid application now identified by the attorney docket same shall have been made known to them by the United	number and title set forth above as soon as the
IN WITNESS WHEREOF, I/we hereunto set my/our I	nand(s) and seal(s): ment Signed: 8 February 2005
Inventor's Typed Name: Jonathan Q. Smela	Date Application Signed: 18 Faloning 2005
State of )	<b>J</b>
County of ) ss.:	
Before me this day of bruary personally a personally known or proved to me on the basis of satisfactory expirite instrument of assignment to be his/her free act and deed.	ppeared who is vidence to be the person who acknowledged the foregoing
	Notary Public

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

Page 1 of 2

My commission expires:

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## **ASSIGNMENT OF PATENT APPLICATION (cont.)**

IN WITNESS WHEREOF, I	/we hereunto set m	ny/our hand(s) and seal(s):	
MMISA			-/22/20a~
Inventor's Signature (Seal)		Date Assignment Signed: <i>O</i>	2/23/2005 Signed: 02/23/2005
Inventor's Typed Name: Michae	l K. Tayler	Date Application	Signed: 02/23/2005
State of	)		
County of	) ss.: )		
Before me this 23 day of personally known or proved to instrument of assignment to be			person who acknowledged the foregoing
			Notary Public My commission expires:
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County of	)		
Before me this day of personally known or proved to instrument of assignment to be	me on the basis of	=	who is person who acknowledged the foregoing
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Inventor's Signature (Seal)		<b>D</b>	
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	(Use Page Three For Add	itional Inventor(s) Signature(s))	Page 2 of 2

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**RECORDED: 02/25/2005** 

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