ATTORNEY DOCKET NO. 200505164-1	4/3 1 100 N FOR C 103259136	MMERCE rk Office	
1. Name of conveying party(ies):	2. Name audress of receiving party(ies):		
Marcos K. Aguilera	HEWLETT-PACKARD DEVELOPMENT COMP		
Christos Karamanolis	20555 SH 249		
Arif Merchant	Houston, TX 77070		
Mehul A. Shah		2	~ <u></u>
Alistair Veitch		14 U.S.F 14 D.S.F	+3090
		1 1 1 1 3 0 1 1 3 0	
Additional name(s) of conveying party(ies) attached? Yes 3. Nature of Conveyance:	No Additional name(s) and address(es) attached? Yes	XNo	
	ge of Name Security Agreement	Joint	
Execution Date(s):			
4. Application number(s) or patent number(s):	· · · · · · · · · · · · · · · · · · ·		
If this document is being filed together with a new applic	cation, execution date of the application is: June 12, 200	6	
A. Patent Application No.(s)			
Application No.: Date Fil	led:		
Confirmation No.: B. Pater	nt No.(s):		
Additional numbers attached? <u>NO</u>			
5. Name and address of party to whom correspondence	6. Total number of applications and patents involve	ed:	
concerning document should be mailed:	7. Total Fee (37 CFR 3.41):		
Records Manager			
Intellectual Property Administration	Enclosed		
HEWLETT-PACKARD COMPANY P.O. Box 272400	Authorization to be charged to deposit acc	ount.	
Fort Collins, Colorado 80527-2400	8. Deposit Account Number: 08-2025	987	
9. Statement and signature.		11450987	
To the best of my knowledge and belief, the foregoing in copy of the original document.	nformation is true and correct and any attached copy is	a true	
Daniel W. Roberts	Signature June 12, 2006	00000146 082025 40.00 DA	
Total number of pages including covers	sheet, attachments, and documents:5		
Documents to be recorded (including cover sh Mail Stop Assignment Recordation Services, Director	neet) should be faxed to (703) 306-5995, or mailed to: of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313 rage 1 of 1	-1450 9002/51/90	
L			l
Rev 10/05 (RecdAsgn)		83	

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

ATTORNEY DOCKET NO. 200505164-1

### 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:

## TRANSACTIONAL SHARED MEMORY SYSTEM AND METHOD OF CONTROL

#### Filing Date:

#### **Application No.:**

and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part (C-I-P's), divisionals, and renewals of and substitutes for said application for said Letters Patent, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefore; and any reissues, or reexaminations, or extensions of said Letters Patent.

I/we additionally authorize HPDC to file applications in my/our name for Letters Patent in any country, to be held and enjoyed by HPDC, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by me/us had this assignment, and transfer not been made;

AND I/we hereby covenant that I/we have full right to convey the entire interest herein assigned, and 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 and deliver all such papers as may be necessary or desirable to perfect the title to said invention(s) or improvement(s), said application and said Letters Patent, to HPDC, its successors, assigns, nominees or legal representatives, and I/we agree to communicate to HPDC, or to its nominee, all known facts respecting said invention(s) or improvement(s), said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisionals, continuations, C-I-P's, reissue and foreign applications, to make all rightful oaths and declarations, and generally to do everything possible to aid HPDC, its successors, assigns, nominees and legal representatives to obtain and enforce, for its or their own benefit, proper patent protection for said invention(s) or improvement(s) in any and all countries provided the expenses which may be incurred by me/us in lending such cooperation and assistance are paid by HPDC:

AND I/we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to HPDC, as assignee of the entire right, title and interest, any and all Letters Patent for said invention(s) or improvement(s), including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in 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 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.

IN WITNESS WHEREO	F, I/we hereunto set my/our hand	(s) and seal(s):	
Ahaortera		April 4,200	λ L
Inventor's Signature (Seal)		Date Assignment Signed	
MARCOS K. AGUILERA		April 4, 2006	- 2
Inventor's Typed Name		Date Application Signed	
State of	)		
	) ss.:		
County of	)		
Before me this cay of	, personally appeared	MARCOS K. AGUILERA	who is personally
known or proved to me on the b assignment to be his/her free act a	-	the person who acknowledged the	foregoing instrument of
		Notary Public	·

Rev 10/05(Assignment)

Page 1 of 3

My Commission Expires:

PATENT REEL: 017968 FRAME: 0956

### PATENT APPLICATION

ATTORNEY DOCKET NO. 200505164-1

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

IN WITNESS WHEREOF, I/we hereunto set my/our hand(s) and seal(s):

		Date Assignment Signed
nven:or's Signature (Seal)		Date Assignment Signed
CHRISTOS KARAMANOLIS	······································	
Inventor's Typed Name		Date Application Signed
State of	)	
	) ss.:	
Counly of	ý	
Before me this day of	, personally appeared	CHRISTOS KARAMANOLIS who is personally
known or proved to me on the ba assignment to be his/her free act a		person who acknowledged the foregoing instrument of
		Notary Public My Commission Expires:
Aris Merche	r	4/5/2006
Inventor's Signature (Seal)	~~	Date Assignment Signed
		4/5/2006
ARIF MERCHANT		/ ·
Inventor's Typed Name		Date Application Signed
Chate of	,	
State of	) ) ss.:	
County of	) 35	
Before me this day of	, personally appeared	ARIF MERCHANT who is personally
known or proved to me on the ba	asis of satisfactory evidence to be the	person who acknowledged the foregoing instrument of
assignment to be his/her free act a		Notary Public
		My Commission Expires:
Inventor's Signature (Segi)	. Stak	April 7, 2006 Date Assignment Signed
MEHUL A. SHAH		
Inventor's Typed Name		Cate Application Signed
State of County of	) ) ss.:	
-	, personally appeared	MEHUL A. SHAH who is personally
	asis of satisfactory evidence to be the	a person who acknowledged the foregoing instrument of
		Notary Pubic
Rev 10/05(Assignment)	Page 2 of 3	My Commission Expires:

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

ATTORNEY DOCKET NO. 200505164-1

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

IN WITNESS WHEREOF, I	we hereunto set my/our hand(s)	and seal(s):
a.c.beat		7 Apr 2006
Inventor's Signature (Seal)		Date Assignment Signed
ALISTAIR VEITCH		7 Apr 2006
Inventor's Typed Name		Date Application Signed
State of	)	
	) ss.:	
County of	)	
Before me thisday of	, personally appeared	ALISTAIR VEITCH who is personally
known or proved to me on the basis assignment to be his/her free act and		ne person who acknowledged the foregoing instrument of
assignment to be mismer nee act and		Nolary Public
		My Commission Expires:
Invenior's Signature (Seal)		Date Assignment Signed
Inventor's Typed Name		Date Application Signed
inventor 5 Typed Humo		
State of	)	
	) ss.:	
County of	)	
Before me this day of	, personally appeared	who is personally
known or proved to me on the basi assignment to be his/her free act and		he person who acknowledged the foregoing instrument of
		Notary Public
		My Commission Expires:
Inventor's Signature (Seal)		Date Assignmen: Signed
Inventor's Typed Name		Date Application Signed
State of	>	
	) ss.:	
County of	)	
Before me this cay of	, personally appeared	who is personally
known or proved to me on the bas assignment to be his/her free act and	-	he person who acknowledged the foregoing instrument of
		Notary Public
Rev 10/05(Assignment)	Page 3 of 3	My Commission Expires:

PATENT REEL: 017968 FRAME: 0958

HEWLETT-PACKARD COMPANY Intellectual Property Administrator		PATENT APPLICATION	
P.O. Box 272400 Fort Collins, Colorado 80527-2400		ATTORNEY DOCKET NO.	200505164-1
ASSIGNI	VENT OF PATENT A	PPLICATION (cont.)	
IN WITNESS WHEREOF, I'we her	reunto set my/our hand(s	) and seal(s):	070 1
Maga ul			
Inventor's Signature (Seal)		Date Assignment Signed	
CHRISTOS KARAMANOLIS		4/5/20	DG
Inventor's Typed Name	······	Date Application Signed	RIA COMES.
State of California County of the Santa Clara Before me this 5th day of April, 2006, pe	) ) \$5.: )		Commission # 1375239 Notary Public'- California San Mateo County MyComm.ExpiresSep 17, 2006
Before me this 5-14 day of April , 2006 , pe	ersonally appeared	CHRISTOS KARAMANOLIS	who is personally
known or proved to me on the basis of sal assignment to be his/her free act and deed	tisfactory evidence to be t		foregoing instrument of Construction of 1375239 Marcon Marco California Social Marco County Marcon Marco Sop 17, 2006
Inventor's Signature (Seal)		Date Assignment Signed	
ARIF MERCHANT			
Inventor's Typed Name	****	Date Application Signed	
State of	)		
	) ss.:		
County of	)		
Before me this day of, pe	ersonally appeared	ARIF MERCHANT	who is personally
known or proved to me on the basis of sa	tisfactory evidence to be t	the person who acknowledged th	e foregoing instrument of
assignment to be his/her free act and deed.			
		Notary Public My Commission Expire	
Inventor's Signature (Seal)		Date Assignment Signed	l
MEHUL A. SHAH Inventor's Typed Name	****	Data Application Signad	
inventors ryped Name		Date Application Signed	
State of	) ) ss.:		
County of	)		
Before me this day of , provide the proved to me on the basis of sat assignment to be his/her free act and deed.	arsonally appeared tisfactory evidence to be t	MEHUL A. SHAH he person who acknowledged the	who is personally e foregoing instrument of
	-	Notary Public My Commission Expire	2C.
Rev 10/05(Assignment)	Page 2 of 3	Ч сониновол схрие	

RECORDED: 06/12/2006