U.S. PTO 11/825739 07/09/2007



103427597

JEPARTMENT OF COMMERCE Patent and Trademark Office

RECORDATION FORM COVER SHEET	
PATENTS ONLY 7. G. D	
Name of conveying party(ies):	Name and address of receiving party(ies):
King W. Luk	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. 20555 SH 249 Houston, TX 77070
Additional name(s) of conveying party(ies) attached? ☐Yes 区N	Additional name(s) and address(es) attached? Yes No
3. Nature of Conveyance:	of Name Security Agreement
	Security Agreement
Execution Date(s): 07/06/2007	
4. Application number(s) or patent number(s):	
If this document is being filed together with a new application, execution date of the application is: 07/09/2007	
A. Patent Application No.(s)	
Application No.: Date Filed:	
Confirmation No.: B. Patent No.(s):	
Additional numbers attached? <u>NO</u>	
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1
	7. Total Fee (37 CFR 3.41):\$40.00
Records Manager	
Intellectual Property Administration	Enclosed
HEWLETT-PACKARD COMPANY P.O. Box 272400	X_Authorization to be charged to deposit account.
Fort Collins, Colorado 80527-2400	8. Deposit Account Number: 08-2025
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. Edward J. Brooks III Name of Person Signing Total number of pages including coversheet, attachments, and documents: 2	
Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:	
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313450	
Pa	12000 12000
Rev 10/06a (RecdAsgn)	77.77

PATENT

REEL: 019591 FRAME: 0753

HEWLETT-PACKARD COMPANY Intellectual Property Administrator P.O. Box 272400 Fort Colling, Colombo 80627-2400

Rev 10/06a (Assignmont)

ATTORNEY DOCKET NO.

200700051-1

ASSIGNMENT OF PATENT APPLICATION IAVe, 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: **BUFFER CIRCUIT** Filing Date: Herewith Application No.: and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part (C-I-P'a), divisionals, and renewals of and substitutes for said application for said Letters Palent, 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 and 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 live hereby covenant that live 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 sald invention(s) or improvement(s) in any and all countries provided the expenses which may be incurred by melus 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 WHEREOF, I/we hereunto set my/our hand(s) and seal(s): Date Assignment Signed Inventor's Signature (Seal) King W. Luk Inventor's Typed Name State of) ss.: County of Before me this , personally appeared King W. Luk who is personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of essignment to be his/her free act and deed.

Page 1 of 1

of 7

Notary Public

My Commission Expires:

PATENT

REEL: 019591 FRAME: 0754

Copy

 U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

RECORDATION FORM COVER SHEET		
PATENTS ONLY		
1.\Name of conveying party(ies):	2. Name and address of receiving party(ies):	
King W. Luk	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. 20555 SH 249 Houston, TX 77070	
Additional name(s) of conveying party(les) attached? Yes	No Additional name(s) and address(es) attached? ☐Yes ☒No	
3. Nature of Conveyance: X Assignment		
	ge of Name Security Agreement Joint	
Other		
5		
Execution Date(s): 07/06/2007 4. Application number(s) or patent number(s):		
If this document is being filed together with a new applic	eation, execution date of the application is: 07/09/2007	
A. Patent Application No.(s)		
Application No.: Date Filed:		
Confirmation No.: B. Patent No.(s):		
Additional numbers attached? <u>NO</u>		
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1	
	7. Total Fee (37 CFR 3.41):\$40.00	
Records Manager		
Intellectual Property Administration	Enclosed	
HEWLETT-PACKARD COMPANY P.O. Box 272400	_X_Authorization to be charged to deposit account.	
Fort Collins, Colorado 80527-2400	8. Deposit Account Number: <u>08-2025</u>	
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.		
	1 1/16 /4 -/-	
Edward J. Brooks III Name of Person Signing	14/14/14/19/207	
Total number of pages including coversheet, attachments, and documents:2		
Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450		
Page 1 of 1		

Rev 10/06a (RecdAsgn)

RECORDED: 07/09/2007

PATENT REEL: 019591 FRAME: 0755