05-16-2007 U.S. PTO 11/796943 ORM PTO-1595 U.S. DEPARTMENT OF COMME 04/30/2007 7i-31-92 Patent and Trademark Of 103406336 Attorney Docket No. 200700408- Name of conveying party(ies): 2. Name and address of receiving party(ies): Cullen E. Bash HEWLETT-PACKARD DEVELOPMENT COMPANY, L Carlos J. Felix 20555 SH 249 Houston, TX 77070 William J. Navas Maniel Sotomayor Additional name(s) of conveying party(les) attached \_\_\_\_Yes X No Additional name(s) & address(es) attached? \_ \_Yes <u>X</u> No 3. Nature of Conveyance: X Assignment Merger Change of Name Security Agreement Other Execution Date(s): 4/30/07, 4/30/07, 4/30/07, 4/30/07 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: 4/30/07 A. Patent Application No.(s) B. Patent No.(s) Date Filed: Application No.: Additional numbers attached? NO Confirmation No.: 5. Name and address of party to whom correspondence | 6. Total number of applications and patents involved: 1 concerning document should be mailed: 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 accou Fort Collins, Colorado 80527-2400 05/16/2007 DBYRNE 00000034 082025 11796943 8. Deposit Account Number: 08-2025 DO NOT USE THIS SPACE 9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is true copy of the original document. Timothy B. Kang Apr 30, 2007 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: Mail Stop Assignment Recordation Services Director of the US Patent and Trademark Office PO Box 1450

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PATENT APPLICATION ATTORNEY DOCKET NO. 200700408-1

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:

and the invention(s) and improvement(s) set fort continuations-in-part (C-I-P's), divisionals, and renewals Letters Patent, and any and all Letters Patent of the Unit may be granted thereon or therefor; and any reissues, Patent.  I/we additionally authorize HPDC to file applicat 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;  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 desir improvement(s), said application and said Letters Patent legal representatives, and I/we agree to communicate respecting said invention(s) or improvement(s), said applications, to make all rig everything possible to aid HPDC, its successors, assign 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;  AND I/we hereby authorize and request the Commistates and any official of any country or countries foreign patents on applications as aforesaid, to issue to HPDC, any and all Letters Patent for said invention(s) or improvements of the United States which may be issued and granted of accordance with the terms of this assignment.  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 States which may be issued and granted of the patents of the application now identified by the attorney docket same shall have been made known to them by the United States which may be issued and granted to said application now identified by the attorney docket same shall have been made known to them by the United States which may be issued to the united same shall have been made known to them by the United States which may be application to the un	of and substitutes for said application for said States and of countries foreign thereto which reexaminations, or extensions of said Letters has in my/our name for Letters Patent in any assigns, nominees or legal representatives, to atent respectively may be granted, reissued or element in conflict herewith, and the further made, and without undue delay, execute and the to perfect the title to said invention(s) or to HPDC, its successors, assigns, nominees or to HPDC, or to its nominee, all known facts eation and said Letters Patent, to testify in any all disclaimers and divisionals, continuations, ful oaths and declarations, and generally to do, nominees and legal representatives to obtain otection for said invention(s) or improvement(s) may be incurred by me/us in lending such to the United States whose duty it is to issue assignee of the entire right, title and interest, ment(s), including any and all Letters Patent of
continuations-in-part (C-I-P's), divisionals, and renewals Letters Patent, and any and all Letters Patent of the Unit may be granted thereon or therefor; and any reissues, Patent.  I/we additionally authorize HPDC to file applicat 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;  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 desir improvement(s), said application and said Letters Patent legal representatives, and I/we agree to communicate respecting said invention(s) or improvement(s), said applications, to make all rig everything possible to aid HPDC, its successors, assign and enforce, for its or their own benefit, proper patent in any and all countries provided the expenses whice coperation and assistance are paid by HPDC;  AND I/we hereby authorize and request the Commistates and any official of any country or countries foreign atents on applications as aforesaid, to issue to HPDC, any and all Letters Patent for said invention(s) or improve the United States which may be issued and granted of accordance with the terms of this assignment.  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 States where the patent of the attorney of the same shall have been made known to them by the United States where the patent of the attorney of the same shall have been made known to them by the United States where the patent of the attorney of the same shall have been made known to them by the United States which have been made known to them by the United States which have been made known to them by the United States which have been made known to them by the United States which have been made known to the	of and substitutes for said application for said at States and of countries foreign thereto which reexaminations, or extensions of said Letters are in my/our name for Letters Patent in any assigns, nominees or legal representatives, to atent respectively may be granted, reissued or a been held and enjoyed by me/us had this convey the entire interest herein assigned, and preement in conflict herewith, and I/we further made, and without undue delay, execute and to HPDC, its successors, assigns, nominees or to HPDC, or to its nominee, all known facts eation and said Letters Patent, to testify in any all disclaimers and divisionals, continuations, ful oaths and declarations, and generally to do, nominees and legal representatives to obtain the control of the united by me/us in lending such a to the United States whose duty it is to issue assignee of the entire right, title and interest ment(s), including any and all Letters Patent of
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;  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 desir improvement(s), said application and said Letters Patent legal representatives, and I/we agree to communicate respecting said invention(s) or improvement(s), said application said invention(s) or improvement(s), said applications, to make all right everything possible to aid HPDC, its successors, assignand enforce, for its or their own benefit, proper patent in any and all countries provided the expenses which cooperation and assistance are paid by HPDC;  AND I/we hereby authorize and request the Commistates and any official of any country or countries foreign patents on applications as aforesaid, to issue to HPDC, any and all Letters Patent for said invention(s) or improvate United States which may be issued and granted caccordance with the terms of this assignment.  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 IN WITNESS WHEREOF, I/we hereunto set my/our inventor's Signature (Seal)	assigns, nominees or legal representatives, to atent respectively may be granted, reissued or e been held and enjoyed by me/us had this convey the entire interest herein assigned, and treement in conflict herewith, and I/we further made, and without undue delay, execute and to perfect the title to said invention(s) or to HPDC, its successors, assigns, nominees or to HPDC, or to its nominee, all known facts eation and said Letters Patent, to testify in any all disclaimers and divisionals, continuations, ful oaths and declarations, and generally to do, nominees and legal representatives to obtain otection for said invention(s) or improvement(s) may be incurred by me/us in lending such to the United States whose duty it is to issue assignee of the entire right, title and interest ment(s), including any and all Letters Patent of
hat I/we have not executed and will not execute any overnant and agree that I/we will, each time a request leliver all such papers as may be necessary or design in provement(s), said application and said Letters Patent egal representatives, and I/we agree to communicate especting said invention(s) or improvement(s), said application said proceedings, to sign all lawful papers, to execuively thing possible to aid HPDC, its successors, assigned enforce, for its or their own benefit, proper patent in any and all countries provided the expenses which coperation and assistance are paid by HPDC;  AND I/we hereby authorize and request the Commistates and any official of any country or countries foreign and all Letters Patent for said invention(s) or improve the United States which may be issued and granted control of the contr	reement in conflict herewith, and I/we further made, and without undue delay, execute and let to perfect the title to said invention(s) of HPDC, its successors, assigns, nominees of the HPDC, or to its nominee, all known facts eation and said Letters Patent, to testify in any all disclaimers and divisionals, continuations ful oaths and declarations, and generally to do, nominees and legal representatives to obtain the total for said invention(s) or improvement(s) may be incurred by me/us in lending such to the United States whose duty it is to issue assignee of the entire right, title and interest ment(s), including any and all Letters Patent o
States and any official of any country or countries foreignatents on applications as aforesaid, to issue to HPDC, any and all Letters Patent for said invention(s) or improved the United States which may be issued and granted of accordance with the terms of this assignment.  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 IN WITNESS WHEREOF, I/we hereunto set my/our the Bad Date Assignment is Signature (Seal)	n to the United States whose duty it is to issue a assignee of the entire right, title and interest ment(s), including any and all Letters Patent o
aid application now identified by the attorney docket ame shall have been made known to them by the Unite IN WITNESS WHEREOF, I/we hereunto set my/our to the Bay Date Assignment of Signature (Seal)	
Date Assignitiventor's Signature (Seal)	imber and title set forth above as soon as the
eventor's Signature (Seal)	nd(s) and seal(s):
	nt Signed: 4/20/07
ventor's Typed Name: <u>Cullen E. Bash</u>	ate Application Signed: 4//30/c7
tate of	
) ss.: ounty of	
Before me this day of personally a ersonally known or proved to me on the basis of satisfactory ex- retrument of assignment to be his/her free act and deed.	
•	Notery Public

**PATENT** 

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

IN WITNESS WHEREOF, I/we hereunto's	et my/our hand(s) and seal(	s):
Calston	Date: Assignment Signed:	4/30/2007 on Signed: 4/30/2007
inventor's Signature (Seal)		1 1
Inventor's Typed Name: Carlos J. Felix	Oaté Applicati	on Signed: 4/30/2007
State of )		
County of )	:	
Before me this day of personally known or proved to me on the basis instrument of assignment to be his/her free act and	of satisfactory evidence to be t	dos 1. Felix who is the person who acknowledged the foregoin
		Notary Public My commission applies:
Inventor's Signature (Seal)	Date Assignment Signed:	4/30/2007
Inventor's Typed Name: William J. Navas	Date Application	on Signed: 4/30/2007
State of )		·
County of ) ss.:		
Before me this day of personally known or proved to me on the basis instrument of assignment to be his/her free ect and	of satisfactory evidence to be ti	liam J. Navas who is person who acknowledged the foregoing
		Notary Public My commission expires:
nventor's Signature (Seal)	Date Assignment Signed:	4/30/2007
nventor's Typed Name: Maniel Sotomayor	Date Applicatio	on Signed: 4/30/2007
State of )		, ,
County of ) ss.:		
Before me this day of personally known or proved to me on the basis instrument of assignment to be his/her free act and	of satisfactory evidence to be th	alal Sotomayor who is the person who acknowledged the foregoing
		Notory Public My commission expires:
(Use Page Three For	Additional Inventor(s) Signature(s))	Page 2 of 2

few 12/04 (Assign)

**RECORDED: 04/30/2007** 

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