06-26-2002 FORM PTO-1595 U.S. DEPARTMENT OF COMMERCE 1-31-92 Patent and Trademark Office FT Attorney Docket No. 10019429-1 102134785 1. Name of conveying party(ies): OFFICE OF PUBLIC RECORDS and address of receiving party(ies): Glen A. Oross **HEWLETT-PACKARD COMPANY** 2007 JIN 18 M 10: 36 Intellectual Property Administration Memphis Zhihong Yin P.O. Box 272400 FINANCE SECTION Fort Collins, Colorado 80527-2400 6.18.02 Additional name(s) of conveying party(ies) attached ____Yes _X No | Additional name(s) & address(es) attached? ____Yes _X No 3. Nature of Conveyance: _ Change of Name X Assignment _ Merger Security Agreement Other Execution Date(s): 5/2/02 for both. 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: A. Patent Application No.(s) B. Patent No.(s) Application No.: 10/138,625 Date Filed: May 3, 2002 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 account. Fort Collins, Colorado 80527-2400 8. Deposit Account Number: 08-2025 06/25/2002 DBYRNE 00000207 082025 10138625 DO NOT USE THIS SPACE 01 FC:581 40.00 CH 9. 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. Jodi Rappe Name of Person Signing Total number of pages including cover sheet, attachments, and document: 4 OMB No. 0651-0011 (exp. 4/94) Do Not detach this portion Mail document to be recorded with required cover sheet information to: **Commissioner for Patents Box Assignment** Washington, D.C. 20231

Rev 05/02 (Recdason)

PATENT REEL: 013013 FRAME: 0085

PATENT APPLICATION

ATTORNEY DOCKET NO. 10019429 -1

HE-WLETT-PACKARD COMPANY Intellectual Property Administration P. O. Box 272400 Fort Collins, Colorado 80527-2400

ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned (each) have agreed and hereby agree to assign to HEWLETT-PACKARD COMPANY, a Delaware corporation having its principal place of business in Palo Alto, California, (hereinafter HP), in furtherance of my/our obligations to HP, and do hereby assign and transfer to HP, 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 an application for Letter's Latent of the Chitical States States.
Input Device And Methods And Systems For Same
Filing date: May 3, 2002 Application No.: 10 1.38, 625
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 therefor; and any reissues, or reexaminations, or extensions of said Letters Patent.
I/we additionally authorize HP to file applications in my/our name for Letters Patent in any country, to be held and enjoyed by HP, 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 HP, its successors, assigns, nominees or legal representatives, and I/we agree to communicate to HP, 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 HP, 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 HP;
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 HP, 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 HP attorneys 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 Typed Name: Glen A Oross Date Application Signed: 2502
State of)
) ss.: County of)
Before me this day of, personally appeared <u>Glen A Oross</u> who is personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be his/her free act and deed.
Notary Public
My commission expires;

PATENT of 2
REEL: 013013 FRAME: 0086

When recorded please return to:

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

PATENT APPLICATION
ATTORNEY DOCKET NO. 10019429 -1

ASSIGNMENT OF PATENT APPLICATION (cont.)

IN WITNESS WHEREOF	, I we hereunto set i	my/our hand(s) and seal(s	s):
		Date Assignment Signed:_ Date Applica	\$/2/02'
Inventor's Signature (Seal)			
Inventor's Typed Name: Mem	phis Zhihong Yin	Date Applica	tion Signed: 5/2/07
State of)		(/
County of) ss.:)		
Before me this day is personally known or prove instrument of assignment to be	d to me on the basis of	satisfactory evidence to be the	n phis Zhihong Yin who he person who acknowledged the foregoing
			Notary Public My commission expires:
		Date Assignment Signed:_	
Inventor's Signature (Seal)			
Inventor's Typed Name:		Date Applicat	tion Signed:
State of)		
County of) ss.:)		
	d to me on the basis of		who ne person who acknowledged the foregoing
			Notary Public My commission expires:
		Date Assignment Signed:	
nventor's Signature (Seal)			
nventor's Typed Name:		Date Application Signed:	
State of)		
County of) ss.:)		
Before me this day s personally known or proven nstrument of assignment to b	d to me on the basis of		who person who acknowledged the foregoing
			Notary Public My commission expires:

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

Page 2 of 2

Rev 10/01 (Assign)

PATENT REEL: 013013 FRAME: 0087