FORM PTO-1595  1-31-92  RECORDATION FOI	10-05-2000 MENT OF COMMERCE t and Trademark Office					
PATENTS	: No. 10992620-1					
Name of conveying party(ies):	101479244 /arty(ies):					
Shuzhen Fu  David C. Hanley  Raymond A. DeBruin  Jack R. Grenfell $S-21-700$	HEWLETT-PACKARD COMPANY Intellectual Property Administration P.O. Box 272400 Fort Collins, Colorado 80528-9599					
Additional name(s) of conveying party(ies) attachedYes _X 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): June 29, 2000						
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)					
Serial No.: 09/586,678 Date Filed: June 1, 2000						
Additional numbers attached? NO						
5. Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1					
Records Manager	7. Total Fee (37 CFR 3.41): \$40.00					
HEWLETT-PACKARD COMPANY 19111 Pruneridge Avenue,	Enclosed					
M/S 44L18 Cupertino, CA 95014-0795	X Authorization to be charged to deposit account.					
Supertino, art sout t stas	8. Deposit Account Number: 08-2025					
DO NOT USE THIS SPACE						
9. Statement and signature.						
· ·	information is true and correct and any attached copy is a					
Tuan V. Ngo, 44,259	Aug 16, 2000					
3 3						
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:  Commissioner of Patents and Trademarks  Box Assignment  9/04/2000 6T0N11 00000103 082025 09586678 Washington, D.C. 20231						

Rev 11/99 (Recdasgn)

PATENT REEL: 011124 FRAME: 0422

## PATENT APPLICATION

ATTORNEY DOCKET NO. 10992620

HEWLETT-PAÇKARD COMPANY Intellectual Property Administration P. O. Box 272400 Fort Collins, Colorado 80528-9599

## **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:

an application	for Letters F	Patent of th	e United S	tates entitled:		.gog o	, 6.,0.,0,	, 10 4174 417461
Point of Sale (	POS) Termin	al Security	System					
Filing date:	June 1, 20	00		Serial N	lo.:	09/586,678	}	
continuations- Letters Patent	in-part (C-I-F and any an	os), divisio d all Letters	nals, and i s Patent of	renewals of a the United St	nd si ates	ubstitutes fo and of coun	r said applic tries foreign	continuations, cation for said thereto which of said Letters
be held and e	njoyed by Hi erms for whi rely as the s	P, its succe ch said Let	ssors, assi ters Paten	gns, nominee t respectively	s or I may	legal represe , be granted,	ntatives, to reissued or	ny country, to the full end of extended, as signment, and
that I/we hav covenant and deliver all sur improvement (legal represer respecting sai legal proceed C-I-P's, reis sur everything ponforce for its	e not execute agree that I ch papers as s), said applicatives, and dinvention(sings, to signer and foreigns sible to aid as or their over countries p	ed and will, we will, eas may be a cation and a l/we agress all lawful and plication HP, its success the covided the	I not execu- ach time a  necessary  I said Lette  ee to con  rement(s),  papers, to  na, to male  ccessors, a  proper pale  e expense	ute any agree request is may or desirable ers Patent, to municate to said application execute all rightful essigns, nominitent protection	ment ade, a to pe HP, HP, on ar discl ees a	in conflict I and without erfect the tit its success or to its rad Lette laimers and seand declara and legal rep said inventic	nerewith, an undue delay the to said is ors, assigns nominee, all rs Patent, to divisionals, attions, and gresentatives on(s) or imp	assigned, and d I/we further (, execute and nvention(s) or (, nominees or known facts testify in any continuations, penerally to do to obtain and rovement(s) in lending such
States and an patents on ap	y official of plications as s Patent for s which may	any country aforesaid, said inventi / be issued	y or counti to issue to on(s) or im d and grai	ries foreign to HP, as assigr provement(s)	tne nee o . incl	United State of the entire r Iudina anv ar	s whose dui ight, title an id all Letters	of the United y it is to issue d interest, any Patent of the aforesaid, in
annlication of	w identified	hy the atto	ornev dock	rneys to inser set number an nited States Pa	α τιτι	e sei ionin a	bove as soo	g date of said n as the same
IN WITNE	ESS WHERE	DE, I/we her	reunto set	my/our hand(s	s) and	d seal(s):		
Inventor's Signat	ure (Seal)	1		Date Assignmen	t Sign	ed: <i>b</i> /	2) / 200	·
Inventor's Typed		n Fu		Date	Applic	cation Signed: _		
State of Cali-		)						
County of Place		)	) ss.:					
Before me the personally know instrument of ass	nis <u>29</u> day on or proved to signment to be l	me on the this/her free ac	ROSS OHR COMM. F		d		11/11	who is ged the foregoing

Page 1 of 2

PATENT APPLICATION		
ATTORNEY DOCKET NO.	10992620	

## ASSIGNMENT OF PATENT APPLICATION (cont.)

IN WITNESS WHEREOF, I we hereunto set my/	our hand(s) and seal(s):
6204	Date Assignment Signed: 6/29/20
Inventor's Signature (Seal)	Date Assignment Olynou.
Inventor's Typed Name: David C. Hanley	Date Application Signed: 6/29/00
State of Cal, Former )	
County of Placer ) ss.:	
Before me this 21 day of Tole, 2000, personally known or proved to me on the basis of sat instrument of assignment to be his/her free act and deed.	personally appeared who is isfactory evidence to be the person who acknowledged the foregoing
ROSS OHRENSCHALL COMM. # 1160604 NOTARY PUBLIC-CALIFORNIA PLACER COUNTY COMM. EXP. NOV. 3, 2001	Notary Public  My commission expires: ///3/2001
Inventor's Signature (Seal)	Date Assignment Signed: 6/24/00
Inventor's Typed Name: Raymond A. DeBruin	Date Application Signed:
State of California )	
County of Placer )	
instrument of assignment to be his/her free act and deed.	personally appeared Raymond A. DeBruin who is isfactory evidence to be the person who acknowledged the foregoing
ROSS OHRENSCHALL COMM. # 1160604 OF PHOTARY PUBLIC-CALIFORNIA OF PLACER COUNTY COMM. EXP. NOV. 3, 2001	Notary Public My commission expires: リリタノンジンリ
Invertor's Signature (Seat)	Date Assignment Signed: 6 - 29 - 2000
Inventor's Typed Name: Jack R. Grenfell	Date Application Signed:
State of California )	
County of flacer ) ss.:	
personally known or proved to me on the basis of sat instrument of assignment to be his/her free act and deed.	personally appeared Jack R. Grenfell who is isfactory evidence to be the person who acknowledged the foregoing
COMM. # 1160604 NOTARY PUBLIC-CALIFORNIA PLACER COUNTY COMM. EXP. NOV. 3, 2001	My commission expires: $ll/3/2001$

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

Page 2 of 2