1-31-92	10-31-200	SHEET Patent and Trademark Office Attorney Docket No. 10001962-1		
1. Name of conveying party(ies):	101500129	and address of receiving party(ies):		
Alfred I-Tsung Pan	9-7-00	HEWLETT-PACKARD COMPANY Intellectual Property Administration P.O. Box 272400 Fort Collins, Colorado 80528-9599		
Additional name(s) of conveying party(ie	e) attached Vec X No.	Additional name(s) & address(es) attached? Yes X No		
3. Nature of Conveyance:	s) attached	Additional frame(s) & address(es) attached:		
X Assignment	Merger	Change of Name		
	_	sharings of frame		
Security Agreement	Other			
Execution Date(s): August 31, 2	.000			
4. Application number(s) or pate	nt number(s):			
If this document is being filed to	ogether with a new appli	cation, execution date of the application is:		
A. Patent Application No.(s)		B. Patent No.(s)		
Serial No.: 09/560,943 Date F	iled: 04/28/2000			
	Additional numb	ers attached? NO		
 Name and address of party to whom correspondence concerning document should be mailed: Records Manager HEWLETT-PACKARD COMPANY Ann Jesus 1501 Page Mill Rd M/S 4U-10 Palo Alto, CA 94304 		6. Total number of applications and patents involved:		
		7. Total Fee (37 CFR 3.41): \$40.00		
		Enclosed		
		X Authorization to be charged to deposit account.		
		8. Deposit Account Number: 08-2025		
1/30/3000 DEAME (Moon) -/ 05305.	09560743 DO NOT USE	THIS SPACE		
9. Statement and signature. To the best of my knowledge a true copy of the original docume		information is true and correct and any attached copy is a		
Ann Jesus	My	Aug 31, 2000		
Name of Person Signing	Signature	Date		
1	otal number of pages included	ding cover sheet, attachments, and document: 2		
OMB No. 0651-0011 (exp. 4/94)				
Mail document to be recorded v	vith required cover sheet Commissioner of I Box A	ch this portion information to: Patents and Trademarks Assignment on, D.C. 20231		

Rev 11/99 (Recdasgn)

PATENT REEL: 011180 FRAME: 0381

ATTORNEY DOCKET NO. 10001962-1

HEWLETT-PACKARD 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 Patent of the Unite	ed States entitled:	g the right of priority	, iii, to and ander
Self-Aligned C	Common Carrier			
Filing date:	April 28, 2000	Serial No.:	09/560,943	
continuations- Letters Patent	vention(s) and improvement rin-part (C-I-P's), divisionals, a t, and any and all Letters Pater ed thereon or therefor; and an	and renewals of and su nt of the United States	ubstitutes for said ap and of countries fore	plication for said ign thereto which
be held and e the term or to	ionally authorize HP to file app njoyed by HP, its successors, erms for which said Letters P rely as the same would have een made;	assigns, nominees or latent respectively may	egal representatives, be granted, reissued	to the full end of lor extended, as
that I/we have covenant and deliver all sud improvement(legal represer respecting sailegal proceedic-I-P's, reissueverything poenforce, for it any and all	hereby covenant that I/we have not executed and will not ender agree that I/we will, each time the papers as may be necessed, said application and said neatives, and I/we agree to id invention(s) or improvementings, to sign all lawful paper and foreign applications, to essible to aid HP, its successor to their own benefit, proper countries provided the expend assistance are paid by HP;	execute any agreement ne a request is made, a sary or desirable to pe Letters Patent, to HP, communicate to HP, t(s), said application and the same all rightful oaths rs, assigns, nominees ar patent protection for	in conflict herewith, and without undue de rect the title to sai its successors, assig or to its nominee, d said Letters Patent, aimers and divisional and declarations, and legal representations is invention(s) or its conditions and invention(s)	and I/we further elay, execute and d invention(s) or gns, nominees or all known facts, to testify in any s, continuations, d generally to do yes to obtain and mprovement(s) in
States and an patents on ap and all Letters United States	e hereby authorize and request by official of any country or co plications as aforesaid, to issu s Patent for said invention(s) o s which may be issued and with the terms of this assignme	ountries foreign to the let to HP, as assignee of or improvement(s), inclugated on or as a r	United States whose of the entire right, title adding any and all Letters.	duty it is to issue and interest, any ters Patent of the
application no	ther authorize and direct HP a ow identified by the attorney c on made known to them by the	docket number and title	e set forth above as s	soon as the same
IN WITNE	ESS WHEREOF /we hereunto	set my/our hand(s) and Date Assignment Signe	seal(s): d: // \	COC_
Inventor's Typed State of Lak	Name: Alfred I Tsung Pan	Date Applica	ation Signed	3/, 2000
	n Ta Clara , ss.:		\bigvee	
personally knowr	is <u>3/</u> day of <u>Avgus 1, 2000</u> n or proved to rhe on the basis of signment to be his/her free act and dec	satisfactory evidence to be	the person who acknow	who is
		. TIMMONS sign # 1241528	Notary Public My commission expires	11-12-03

Notary Public - California & Santa Clara County

ge My Corrid Bishel Nuoria 2003 ature(s))

Rev 12/99 (Assign)

PATENT Page 1 of 1
REEL: 011180 FRAME: 0382