FORM PTO-1595	01-03-20	001 U.S. DEPARTMENT OF COMMERCE			
1-31-92		Patant and Trademark Off			
		Attorney Docket No. 10992617-1			
1. Name of conveying party(ies):	1015693	63			
K Douglas Gennetten		HEWLETT-PACKARD COMPANY			
Charles H McConica	2	Intellectual Property Administration			
David K. Campbell	14.00	P.O. Box 272400 Fort Collins, Colorado 80527-2400			
Donald J Stavely)				
Paul M Hubel					
Additional name(s) of conveying party(ies) attached 3. Nature of Conveyance:		Additional name(s) & address(es) attached?Yes _X_ No			
	N de mare e				
X Assignment	Merger	Change of Name			
Security Agreement	Other				
Execution Date(s): Respectively 9/7/00; 8/9/00; 9/7/00; 9/8/00; 8/28/00					
4. Application number(s) or patent numb	er(s):				
If this document is being filed together v	with a new appli	cation, execution date of the application is:			
A. Patent Application No.(s)		B. Patent No.(s)			
Serial No.: 09/619,525 Date Filed: Jul-	19-2000				
Additional numbers attached? <u>NO</u>					
 Name and address of party to whom correspondence concerning document should be mailed: Records Manager 		6. Total number of applications and patents involved: 1			
		7. Total Fee (37 CFR 3.41): \$40.00			
HEWLETT-PACKARD COMPANY		Enclosed			
Legal Department 3404 E. Harmony Road					
Fort Collins, CO 80528-9599		<u>X</u> Authorization to be charged to deposit account.			
		8. Deposit Account Number:08-2025			
	DO NOT USI	E THIS SPACE			
9. Statement and signature.					
To the best of my knowledge and belief true copy of the original document.	, the foregoing i	nformation is true and correct and any attached copy is a			
Linda C. Cunningham Zunda C. Cunningham Dec 07, 2000					
Linda C. CunninghamKunda C. CunninghamDec 07, 2000Name of Person SigningSignatureDate					
Total number of pages including cover sheet, attachments, and document: 5					
OMB No. 0651-0011 (exp. 4/94)					
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Mail document to be recorded with required cover sheet information to:					
1/02/2001 AAHMED1 00000243 082025 09619525 Commissioner for Patents 1/02/2001 AAHMED1 00000243 082025 09619525 Box Assignment 1/02:581 40.00 CH Washington, D.C. 20231 00000243					

PATENT REEL: 011377 FRAME: 0653 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:

Segmented Electronic Display

Filing date: 7/19/00

Serial No.: 09/619,525

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 WhileREOF, I/we hereunto set my/our hand(s) and seal(s):

_____ Date Assignment Signed: Sep 7 '000 Inventor's Signature (Seal) Inventor's Typed Name:<u>K Douglas Gennetten</u> Date Application Signed: <u>9/7/3000</u>) ss.:) State of Colorado County of WELD

Before me this <u>7</u> day of <u>Sept</u>, <u>2000</u>, personally appeared <u>K Douglas Gennetten</u> who is personally known or proved to me on the basis of satisfactor, evidence to be the person who acknowledged the foregoing instrument of assignment to be his/her free act and deed.

Marting F. Chickson Notary Public My commission expires: 5/28/2002

Rev 11/99 (Assign)

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

PATEN®^{1 of 3} REEL: 011377 FRAME: 0654 When recorded please return to:

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Rev 11/99 (Assign)

PATENT APPLICATION ATTORNEY DOCKET NO. 10992617-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

IN WITNESS WHEREOF, I we hereunto set my/our hand(s) and seal(s): Inventor's Signature (Seal) Inventor's Typed Name: Charles H McConica Date Application Signed: 9Ang 00 State of Onegon) ss.: County of Benton Before me this 9th day of August, 2000 personally appeared <u>Charles H McConica</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. and 3 KOCK Notary Public **OFFICIAL SEAL** My commission expires: 10603SANDI L KOCH NOTARY PUBLIC-OREGON 2000 16/2000 9/7/2000 DKC COMMISSION NO. 327793 MY COMMISSION EXPIRES OCT 5, 2003 Date Assignment Signed: Date Application Signed: 9/6/ Inventor's Typed Name: David K. Campbell State of Colorado) ss.: County of WELD Before me this <u>7</u> day of <u>Sco4</u>, <u>3000</u>, personally appeared <u>David K. Campbell</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. My commission expires: 5/28/2002 Date Assignment Signed: 9 7/60 Inventor's Signature (Sea Date Application Signed: 9/9/00 Inventor's Typed Name: Donald J Stavely State of Colorado) ss.: Countr of Werd Before me this 8 day of 5ept, 3000, personally appeared <u>Donald J Stavely</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: 5/28/0 Page 2 of 3 (Use Page Three For Additional Inventor(s) Signature(s))

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HEWLETT-PACKARD COMPANY Intellectual Property Administration		ATTOR	NEY DOCKET NO. 10992617-1	
P. O. Box 272400				
Fort Collins, Colorado 80528-9599				
	ASSIGNMENT	OF PATENT APPLICATION	(cont.)	
IN WITNESS WHEREOF, I WE	hereunto set my	/our hand(s) and seal(s):		
	ell	\neg	A ALEO DA	
Inventor's Signature (Seal)		Date Assignment Signed:		
Inventor's Typed Name: Paul M. Hu	bel	Date Application Sig	ned: 26 Aug 00	
State of California)		J	
County of Santa CLar) ss.: 2a)			
Before me this $\underline{\mathcal{ZS}}$ day of	August, 2000	2, personally appeared <u>Paul M. H</u>	lubel who is	
personally known or proved to me instrument of assignment to be his/h			rson whe acknowledged the foregoing	J
			Alee C. Limmo	20
DEE E. TI	MMONS		Notary Public My commission expires: $11 - 12 - 03$	
	# 1241528			
Santa Clar	ra County			
My Comm. Bipin	ES NOV 12, 2003	Date Assignment Signed		
Inventor's Signature (Seal)		Bato Acolgimont olghod.		
Inventor's Typed Name:		Date Application Sig	ned:	
State of)			
County of) ss.:)			
Before me this day of		, personally appeared	who is	5
personally known or proved to me	on the basis of sat	isfactory evidence to be the pe	rson who acknowledged the foregoing	
instrument of assignment to be his/h				
		-	Notary Public	-
			My commission expires:	
Inventor's Signature (Seal)		Date Assignment Signed:	·····	
Inventor's Typed Name:		Date Application Sig	ned:	
State of)			
County of) ss.:)			
	-	nereonally opposed		
		, personany appeared isfactory evidence to be the per	who is who some who is who is who acknowledged the foregoing	i J
instrument of assignment to be his/h	er free act and deed.			
		-	Notary Public	-
			My commission expires:	

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

RECORDED: 12/14/2000

Rev 11/99 (Assign2)

Page 3 of 3

PATENT

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