FORM PTO-1595	12-10-2001	U.S. DEPARTMENT OF COMMERCE
1-31-92		SHEET Patent and Trademark Office
	101911439	Attorney Docket No. 60013840-1
1. Name of conveying party(ies):	101311400	2. Name and address of receiving party(ies):
Mark A. Van Veen		HEWLETT-PACKARD COMPANY
Jaime E. Dorman	A Company of the Comp	Intellectual Property Administration P.O. Box 272400 Fort Collins, Colorado 80527-2400
Additional name(s) of conveying party(les)	attachedYes _X_ No	Additional name(s) & address(es) attached?YesX No
3. Nature of Conveyance:		
X Assignment	Merger	Change of Name
Security Agreement	Other	12-5-01
Execution Date(s): Oct. 9, 2001		
4. Application number(s) or patent	t number(s):	
If this document is being filed tog	gether with a new appli	cation, execution date of the application is:
A. Patent Application No.(s)		B. Patent No.(s)
Application No.: 09/984,534	Date Filed: Od	et. 30, 2001
Confirmation No.:	Additional number	ers attached? NO
Name and address of party to concerning document should be		6. Total number of applications and patents involved: 1
Records Manager		7. Total Fee (37 CFR 3.41): \$40.00
HEWLETT-PACKARD COM		Enclosed
Intellectual Property Admin P.O. Box 272400 Ft. Collins, CO 80527-240		X Authorization to be charged to deposit account.
		8. Deposit Account Number: 08-2025
	DO NOT US	E THIS SPACE
9. Statement and signature.		to the state of th
To the best of my knowledge and true copy of the original documen		information is true and correct and any attached copy is a
John W. Ryan	Joh W	Dec 05, 2001
Name of Person Signing	(Signature	— <del></del> .
Tot	al number of pages included	ding cover sheet, attachments, and document:3
OMB No. 0651-0011 (exp. 4/94)		
Mail document to be recorded wit	<i></i>	ch this portion
Description of the second seco	1984534 Commissio	oner for Patents
6/07/2001 AMPLED 00000137 000001	) Box A	Assignment on, D.C. 20231
FG+581 40.00 cm		
Rev 10/01 (Recdasgn)		PATENT

REEL: 012341 FRAME: 0466

Rev 06/01 (Assign)

PATENT APPLICATION

ATTORNEY DOCKET NO. 60013840-1

HEWLETT-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:

under an application for Letters Patent of the United States entitled:
METHOD AND APPARATUS FOR PRINTING WITH MULTIPLE RECORDING MECHANISMS
Filing date: Application No.:
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):
Mark A. Van V-eer Date Assignment Signed: 10/7/01
Inventor's Signature (Seal)
Inventor's Typed Name: Mark Andreas VAN VEEN Date Application Signed: 10/7/0/
State of California )
County Sep Diego ) ss.:
Before me this day of of ober 30 personally appeared / Mark Andreas VAN VEEN who
is personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the tonegoing instrument of assignment to be fisher free act and deed.
SARAH J. O'BRIEN
Commission # 1179202
Notary Public - California State County Commission expussion expus

(Use rage two For Additional Inventor(s) Signature(s))

PATENT of 2

REEL: 012341 FRAME: 0467

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. 60013840-1

## ASSIGNMENT OF PATENT APPLICATION (cont.)

IN WITNESS WHEREOF, I we hereunto	set my/our hand(s) and seal(s):
15 Xl	Date Assignment Signed: <u>09 Oc7 2001</u> Date Application Signed: <u>09 Oc7 2001</u>
Inventor's signature (Seal)	Date Assignment digited.
nventor's Typed Name: Jaime E. DORMAN	Date Application Signed: 09 067 200/
,	
County of San Diego	s.:
111 0	MOL, personally appeared <u>Jaime E DORMAN</u> who
s personally known or proved to me on the ba	isis of satisfactory evidence to be the person who acknowledged the foregoing and deed.
SARAH J. O'BRIEN	nd deed.
Commission # 1179202	Notary Public
Notary Public - California Los Angeles County	My commission expires: 4-14-20e
My Comm. Expires Apr 10, 2002	
	Date Assignment Signed:
nventor's Signature (Seal)	
nventor's Typed Name:	Date Application Signed:
State of )	
County of ) s	s
Before me this day of	, personally appeared who
s personally known or proved to me on the banstrument of assignment to be his/her free act a	sis of satisfactory evidence to be the 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 )	
) secounty of	<b>3.</b> .:
	name and the consense of
Before me this day of s personally known or proved to me on the banstrument of assignment to be his/her free act and	sis of satisfactory evidence to be the person who acknowledged the foregoing
	Notary Public
	My commission expires:

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

Page 2 of 2

PATENT REEL: 012341 FRAME: 0468

**RECORDED: 12/05/2001**