10611597	
082025	
CH \$40.00	
Ü	

1-31-92		
	RECORDATION FORM COVE	U.S. DEPARTMENT OF COMMERC
	PATENTS ONLY	- In and Trademark Offi
1. Name of conveying party(ies):		- Attorney Docket No. 1000-
Curtis C. Ballard	2. Nam	e and address of receiving party(ies):
Colette T. Howe	HEW	LETT-PACKARD DOVE -
Rick A. Kato	2055	LETT-PACKARD DEVELOPMENT COMPANY, L.P.
William W. Torrey	Hous	ton, TX 77070
Myron Yoknis		
Additional name(s) of conveying party(ies) attack	led von V	
3. Nature of Conveyance:	No Additional n	ame(s) & address(es) attached?YesX_ No
X Assignment		Yes X No
	Merger	6 1
Security Agreement	Other	Change of Name
Execution Data(s), E(oc.)	• (1)6)	
Execution Date(s): 5/28/03, 6/5/03, 6/9 4. Application number(s) or patent number	/03, 6/4/03, 6/19/03	
	HF(\$1'	
If this document is being filed together w	rial.	
If this document is being filed together v A. Patent Application No.(s)	arn a new application, execu	tion date of the application is:
Application No.: 10/611,597		B. Patent No.(s)
	Date Filed: June 30, 2003	110(0)
Confirmation No.:	Julius .	
. Name and address of party to whom as		NO per of applications and patents involved; 1
concerning document should be mailed:	rrespondence 6, Total numb	per of applications and patents involved; 1
necords Manager	7 7-4-	o particular and patents involved: 1
HEWLETT-PACKARD COMPANY	/· /ota/ Fee (3	37 CFR 3.41): \$40.00
· · · · · · · · · · · · · · · · · · ·	Enci	
Fort Collins, Colorado 80527-2400		()
	_X Auth	to be charged to denote
	8, Denosit And	
	DO NOT USE THIS SPACE	count Number: 08-2025
Tracement and Signature		
the best of my k		
e copy of the original document,	foregoing information is +	7
	Saur is true	and correct and any attached copy is a
		-77,10 @
Maria Golnick		
	are Johnson	Sep 22 2005
		Sep 22, 2003
No. 0651-0011 (exp. 4/94)	pages including cover sheet, atta	ichments, and documents
		2001100111: 0
document to be recorded with required co	Not detach this portion	
Well com-	ver sheet information to:	
Director of	the US Patent and Table Service	es
AI	PO Box 1450 exandria, VA 22313-1450	ffice PATENT
**************************************		REEL: 013995 FRAME: 0614

When recorded please return to: HEWLETT-PACKARD COMPANY Intellectual Property Administrator P. O. Box 272400

Fort Collins, Colorado 80527-2400

PATENT APPLICATION

ATTORNEY DOCKET NO. 100200127-1

I/We, the undersigned (each) have agreed and hereby agree to assign to HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., a Texas Limited Partnership having its principal place of business in Houston, Texas, (hereinafter HPDC), in furtherance of my/our obligations to the Hewlett-Packard company and its subsidiaries and affiliates, and do hereby assign and transfer to HPDC, its successors application for Letters Patent of the United States entitled:

Filipa des		G OPERATIONAL DATA OF A STORAGE AUTOMATION DEVICE
Filing date:	<u>6/3</u> 0/03	
		Application No.: 10/611597
Patent.	steom or therefor; an	ment(s) set forth therein, and any and all continuation als, and renewals of and substitutes for said application for sa Patent of the United States and of countries foreign thereto which any reissues, or reexaminations, or extensions of arithmetics.
Country to be	any authorize HPDa	to file u
assignment, and tra-	and entirely as the nsfer not been made	C to file applications in my/our name for Letters Patent in an DC, its successors, assigns, nominees or legal representatives, to be same would have been held and enjoyed by me/us had this
that I/wa have	/ covenant that J/we	have full start at
improvement(s), said legal representatives respecting said inventegal proceedings, to C-I-P's, reissue and feverything possible than denforce, for its on any and all counterpretation and assis	ers as may be nect application and said, and I/we agree to tion(s) or improvemention(s) or improvement applications, or aid HPDC, its such their own benefit, tries provided the stance are paid by HF	chave full right to convey the entire interest herein assigned, and of execute any agreement in conflict herewith, and I/we further time a request is made, and without undue delay, execute and detters patent, to HPDC, its successors, assigns, nominees or communicate to HPDC, or to its nominee, all known facts ent(s), said application and said Letters Patent, to testify in any to make all rightful oaths and declarations, and generally to do proper patent protection for said invention(s) or improvement(s) PDC;
tates and any official atents on application by and all Letters Patile United States while cordance with the te	authorize and reque l of any country or os s as aforesaid, to is: ent for said inventio ch may be issued a erms of this assignm	est the Commissioner of Patents and Trademarks of the United countries foreign to the United States whose duty it is to issue on the HPDC, as assignee of the entire right, title and interest, and granted on or as a result of the applications.
id as a real contribution	'45 giid (iirect tha ac	(b =)
me shall have been n	lentified by the atto nade known to them	torneys of record to insert the serial number and filing date of by the United States Patent and Trademark Office.
IN WITNESS WHER	EOF, I/we bereusts	set my/our hand(s) and seal(s):
100 186	P. Troiseunto	oct myrour nand(s) and seal(s):
ntor's Signature (Seal)	ac y	Date Assignment of A
		2003
ntor's Typed Name: <u>Curtis</u>	.C. Ballerd	/
······································		Date Assignment Signed:
)	and and
ty of) ss,;	<i>'</i>
-f)	
efore me this day o	of	personally appeared <u>Curtis C. Ballard</u> who is atlasfactory evidence to be the person who acknowledged the foregoing

Notary Public My commission expire ATENT REEL: 013995 FRAME: 0615 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. 100200127-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

IN WITNESS WHI	EREOF, I/we hereunto set n	
Call	+ //	ny/our hand(s) and seal(s):
Inventor's Signature (Le Howl	_Date Assignment Signed:
Inventor's Typed Name	e: Colette 7 Howe	- 0 3
State of	, Total I, HOW8	Date Application Signed: 6-5-200
)	
County of) ss.;)	
Before me this	day_of	
personally known or p	roved to me on the basis of sa	personally appeared who is
madument of assignmen	it to be his/her free act and deed.	personally appeared <u>Colette T. Howe</u> who is tisfactory evidence to be the person who acknowledged the foregoing
		t and the going
		Metro, D. C.
		Notery Public My commission expires:
<u> </u>		with the field
D-0 1 11	-	
Liet A. C	aλo ¯	/
Inventor's Signature (Sea	 	Date Assignment Signed: 6-9-2003
inventor's Typed Name: 1		
	JON A. Nato	Date Application Signed: 6-9-200 3
State of)	1 parametri digitadi. 4 1 2.005
County of) \$s.:	
)	
Before me this	lay of	FDBII
instrument of assignment	ed to me on the basis of satisf o be his/her free act and deed.	rsonally appeared <u>Rick A. Kato</u> actory evidence to be the person who pelloned who is
	o be his/her free act and deed.	rsonally appeared
		- 5
		Notary Public
		My commission expires:
		· ·
_ أيوبد ا		
Willia W. Tin	·	
Inventor's Signature (Seal)	Date	Assignment Signed: JUNK 4, 2003
Inventor's Typed Name: Will		
	анг и. толеу	Date Application Signed: Junk 4, 2003
State of)	22.003_
County of) \$s.:	
)	
Before me this day	of	II
strument of assignment to b	to me on the basis of satisfact	ory evidence to be william W. Torrey
a-ment tô 0	a marner tree act and deed.	nally appearedwho is ory evidence to be the person who acknowledged the foregoing
		-5-118
		Notary Public
		My commission expires:

SEP-22-2003 15:24 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. __100200127-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

IN WITNESS WHEREOF, I we hereunto set my/our hand(s) and seal(s): Date Assignment Signed: June 19, 2003 Inventor's Typed Name: Myron Yoknis _____ Date Application Signed June 19, 2003 State of County of) \$8.: Before me this _____ day of _ personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing Notary Public My commission expires: Inventor's Signature (Seal) Date Assignment Signed: Inventor's Typed Name;_ _____ Date Application Signed_ State of County of) \$5.: Before me this ___ personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing ___day of_ Notary Public My commission expires: Inventor's Signature (Seal) ____ Date Assignment Signed: Inventor's Typed Name:___ Date Application Signed____ State of) \$s.: County of Before me this ___ personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing __day_of_ Notary Public My commission expires;

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

PATE NT of 3

RECORDED: 09/22/2003

Rev 02/03 (Assign2)

REEL: 013995 FRAME: 0617 05