1-31-92	06-06-2002	ER SHEET	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
			Attorney Docket No. 10019978-1
1. Name of conveying par	102113035		ess of receiving party(ies):
Brian Craig Lee Steven W. Steinfield Winthrop D. Childers Mark A. Van Veen Mohammad M. Samii	6-3-0Z	Intellectual Prop P.O. Box 27240	KARD COMPANY perty Administration DO lorado 80527-2400
Additional name(s) of conveying p	arty(ies) attachedYes _X_ No	Additional name(s) & ac	ddress(es) attached?YesX No
3. Nature of Conveyance:			
X Assignment	Merger	~	Change of Name
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Execution Date(s): 10/15/20	001,10/10/2001,10/11/200	1,10/09/2001,10/11	/2001; Respectively
4. Application number(s) or	patent number(s):		2 = 3
If this document is being fil	led together with a new appli	ication, execution da	
A. Patent Application No.(s	s)		B. Patent No∰s)
Application No.: 10/027,61	1 Date Filed: Oc	ct 24, 2001	B. Patent No∰) — RECORDS
Confirmation No.: 3007	Additional numb	ers attached? NO	ω
5. Name and address of par concerning document sho		6. Total number of a	applications and patents involved:1
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Trisha M. Melcher Name of Person Signing	Signature	. r. when	May 16, 2002 Date
riams of Forcer Organing	Total number of pages includ	ling cover sheet, attach	_
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Mail document to be recorde 06/05/2002 GTON11 00000071 082 N FC:581 40.00 CH	ed with required cover sheet 025 10027611 Commissio Box A	th this portion information to: ner for Patents ssignment n, D.C. 20231	
Rev 05/82 (Recdasgn)			PATENT

REEL: 012948 FRAME: 0544

ATTORNEY DOCKET NO. 10019978 -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:

Filing date:	Application No.:
continuations-in-part (C-I-P's), divisional letters Patent, and any and all Letter	ment(s) set forth therein, and any and all continuations, als, and renewals of and substitutes for said application for said rs Patent of the United States and of countries foreign theretoefor; and any reissues, or reexaminations, or extensions of said
to be held and enjoyed by HP, its successful the term or terms for which said I	ile applications in my/our name for Letters Patent in any country, essors, assigns, nominees or legal representatives, to the full end etters Patent respectively may be granted, reissued or extended, d have been held and enjoyed by me/us had this assignment, and
and that I/we have not executed and further covenant and agree that I/we execute and deliver all such papers invention(s) or improvement(s), said agroundiness or legal representatives, and facts respecting said invention(s) or im in any legal proceedings, to sign a continuations, C-I-P's, reissue and fore generally to do everything possible representatives to obtain and enforce invention(s) or improvement(s) in any a me/us in lending such cooperation and	
States and any official of any country patents on applications as aforesaid,	quest the Commissioner of Patents and Trademarks of the United or countries foreign to the United States whose duty it is to issue to issue to HP, as assignee of the entire right, title and interest ention(s) or improvement(s), including any and all Letters Patent of and granted on or as a result of the application aforesaid, in ignment.
	: HP attorneys to insert the serial number and filing date of sai rney docket number and title set forth above as soon as the sam by the United States Patent and Trademark Office.
IN WITNESS WHEREOF, I/we here	eunto set my/our hand(s) and seal(s):
Brin ling Lea	Date Assignment Signed: 150 ctober 2001
Inventor's Signature (Seal)	Date Application Signed: 15 October 2001
Inventor's Typed Name: Brian Craig Lee	Date Application Signed.
State of Oregon	ss.:
County of Benton	
Before me this 15 day of Oct. 2	basis of satisfactory evidence to be the person who acknowledged the foregoing the person who acknowledged the person wh
instrument of assignment to be his/her free act	
TRI	OFFICIAL SEAL ISHA M MELCHER ARY PUBLIC - OREGON ARY PUBLIC - OREGON My commission expires: 9/2 6 /26
TWO SUIT COM	ARY PUBLIC - OREGON MISSION NO. 338842 MISSION EXPIRES SEPT. 28, 2004

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ATTORNEY I	DOCKET	NO.	10019978 -1	

ASSIGNMENT OF PATENT APPLICATION (cont.)

IN WITNESS WHEREOF, I we hereunto set my/our hand(s) and seal(s):
Scorn W Straheles Date Assignment Signed: 10/10/01
Inventor's Signature (Seal)
Inventor's Typed Name: Steven W. Steinfield Date Application Signed: 10/10/21
State of California)) ss.:
County of San Diego
Before me this day of Garage and the basis of satisfactory evidence to be the person who acknowledged the foregoing
instrument of assignment to be assigned from and all deed.
SARAH J. O'BRIÉN Commission # 1179202 Notary Public - California Los Angeles County My commission expires: 4-10-3003
My Comm. Expires Apr 10, 2002
Date Assignment Signed:
Inventor's Signature (Seal)
Inventor's Typed Name: Winthrop D. Childers Date Application Signed:
State of California)) ss.:
County of San Diego)
Before me this // day of or for 205/, personally appeared Winthrop D. Childers who
is per sister and sessignmen ABAN high Briffine act and deed. Commission # 1179202 Notary Public - California E Las Angeles County My Comm. Expires Apr 10, 2002 Sister and deed. Commission # 1179202 SARAH J. O Briffin Commission # 1179202 Commission # 1179202 Notary Public - California E Notary Pu
My Cornm. Expires Apr 10, 2002
inventor's Signature (Seal)
Inventor's Typed Name: Mark A. Van Veen Date Application Signed: 19/9/0/
State of California)) ss.:
County of San Diego
Before me this day of 1000, personally appeared Mark A. Van Veen 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.
SARAH J. O'BRIEN
Commission # 1179202
Los Angeles County
My Comm. Expires Apr 10, 2002

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

Page 2 of 3

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P. O. Box 272400
Fort Collins, Colorado 80527-2400

PATENT APPLICATION ATTORNEY DOCKET NO. 10019978-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

IN WITNESS WHEREOF, I we hereunted	set my/our hand(s) and seal(s):
Inventor's Signature (Seal)	Date Assignment Signed: 10/11/01 Date Application Signed 10/11/01
Inventor's Typed Name: Mohammad M. Samii	Date Application Signed 10/11/0/
State of California)) s:	
County of San Diego Before me this day all take	
SARAH J. O'BRIEN Commission # 1179202 Notary Public - Collifornia Los Angeles County My Comm. Expless Apr 10, 2002	pasis of satisfactory evidence to be the person who act nowledged the foregoing
	Date Assignment Signed:
Inventor's Signature (Seal)	
Inventor's Typed Name:	Date Application Signed
State of)) s.	5.:
County of	
Before me this day of is personally known or proved to me on the binstrument of assignment to be his/her free act	, personally appeared who passis of satisfactory evidence to be the person who acknowledged the foregoing and deed.
	Notary Public My commission expir es :
Anim Creec.	Date Assignment Signed:
Inventor's Signature (Seal)	
Inventor's Typed Name:	Date Application Signed
State of) s	s.:
County of	
Before me this day of	, personally appeared who passes of satisfactory evidence to be the person who acknowledged the foregoing and deed.
	Notary Public My commission expires:

Page 3 of 3

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

Rev 10/01 (Assign2)

PATENT REEL: 012948 FRAME: 0547

RECORDED: 06/03/2002