FORM PTO-1598 1-31-92 SEP 2 8 2005 RI		2005	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office
2 8 2005			Attorney Docket No. 200500190-1
1. Name of convey (constant les):	1030	94020	ess of receiving party(ies):
Steven J. Simske		HEWLETT-PAG	CKARD DEVELOPMENT COMPANY, L.P.
	7-28-05	20555 SH 249 Houston, TX	
Andrew Fayette Page			- · · · · · - ·
Eddie A. Torres			
Additional name(s) of conveying party(ies) attache	d Yes X No	Additional name(s) &	address(es) attached?Yes _X No
3. Nature of Conveyance:			
X Assignment	Merger		Change of Name
Security Agreement	Other		
Execution Date(s): 7/27/2005, 7/26/200)5, 7/27/2005, \$	11/2005	
4. Application number(s) or patent numb	er(s):		
If this document is being filed together	with a new appli	cation, execution d	ate of the application is:
A. Patent Application No.(s)			B. Patent No.(s)
Application No.: ।।/।৭৯,৪৭৪	Date Filed: 7	12912005	
Confirmation No.:	Additional numbe	ers attached? NO	•
Name and address of party to whom concerning document should be maile		6. Total number o	f applications and patents involved: 1
Records Manager		7. Total Fee (37 C	CFR 3.41): \$40.00
Intellectual Property Administration HEWLETT-PACKARD COMPANY		Enclose	d
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ron Comms, Colorado 60527-2400			
		<u>l</u>	nt Number:08-2025
	DO NOT USE	THIS SPACE	
9. Statement and signature.			
To the best of my knowledge and belief true copy of the original document.	f, the foregoing in	nformation is true a	and correct and any attached copy is a
	1 21		,
Gary P. Oakeson	Jan 1 Kr		7/29/05
Name of Person Signing	Signature		Date
	er of pages includ	ing cover sheet, attac	chments, and document: 5
OMB No. 0651-0011 (exp. 4/94)			
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PATENT REEL: 017040 FRAME: 0393 When recorded please return to:

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PATENT APPLICATION ATTORNEY DOCKET NO. 2005 0019 0-1

ASSIGNMENT OF PATENT APPLICATION

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 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:

and the invention(s) and improvement(s) set forth therein, and any and all continuations-in-part (C-IP's) divisionals, and renewals of and substitutes for said application for said-Letters Patient, and any and all Letters Patient of the United States and of countries foreign thereto which patients are granted thereon or therefor; and any relissues, or reasoninations, or extensions of said Letters Patient. I/we additionally authorize HPDC to file applications in my/our name for Letters Patient in any country, to be held and enjoyed by HPDC, its successors, assigns, nominees or legal representatives, it the full end of the term or terms for which said Letters Patient respectively may be granted, reissued o 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 furthe covenant and agree that I/we will, each time a request is made, and without undue delay, execute any adjected in the patient of the patie	Filing date:	·	Application No.:	
country, to be held and enjoyed by HPDC, 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 of 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 furthe 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 testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisionals, continuations C-I-Ps, relssue end foreign applications, to make all rightful caths and declarations, and generally to de everything possible to aid HPDC, 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 HPDC; 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 a foresaid, to issue to HPDC, 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 for said invention(s) or improvement(s). I/we further authorize and direct the attorneys of record to insert the serial number and filing date of said application now identified by the attomey docket number and title set forth above as soo	continuations-in-pa Letters Patent, and may be granted th	art (C-I-P's), divisionals, and I any and all Letters Patent o	l renewals of and substitu of the United States and of	ites for said application for said countries foreign thereto which
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 betters Patent, to HPDC, or to its nominees or legal representatives, and I/we agree to communicate to HPDC, 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, relissue and foreign applications, to make all rightful oaths and declarations, and generally to deverything possible to aid HPDC, 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 HPDC; 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 HPDC, 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 for said invention(s) or improvement(s), including 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 the attorneys of record to insert the serial number and filling date of said application now identified by the attorney docket n	country, to be held the full end of the extended, as fully	d and enjoyed by HPDC, its term or terms for which sai and entirely as the same	successors, assigns, nomi id Letters Patent respectiv	nees or legal representatives, to ely may be granted, reissued or
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 HPDC, 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 the attorneys of record 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):	that I/we have not covenant and agree deliver all such positive the covenant (s), so legal representative respecting said invitegal proceedings, C-I-P's, reissue aneverything possible and enforce, for its in any and all co	t executed and will not exect that I/we will, each time a apers as may be necessary aid application and said Letters, and I/we agree to comention(s) or improvement(s), to sign all lawful papers, to foreign applications, to mae to aid HPDC, its successors or their own benefit, properuntries provided the expen	cute any agreement in cora request is made, and with or desirable to perfect the particular to HPDC, its submunicate to HPDC, or to said application and said to execute all disclaimers and the said application for said to patent protection for said to patent protection for said the	offlict herewith, and I/we further thout undue delay, execute and the title to said invention(s) or uccessors, assigns, nominees or its nominee, all known facts Letters Patent, to testify in any and divisionals, continuations, eclarations, and generally to do legal representatives to obtain invention(s) or improvement(s)
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):	States and any off patents on applicat any and all Letters the United States	icial of any country or count ions as aforesaid, to issue to Patent for said invention(s) which may be issued and g	ries foreign to the United So HPDC, as assignee of the or improvement(s), including	States whose duty it is to issue e entire right, title and interest, ng any and all Letters Patent of
nventor's Signature (See) nventor's Signature (See) nventor's Typed Name: Steven J. Simske	said application no	w identified by the attomey	docket number and title :	set forth above as soon as the
Date Application Signed: 27 JULY 2005 State of) County of) ss.: Before me this day of, personally appeared	IN WITNESS W	HEREOF, I/we hereunto set	my/our hand(s) and seal(s)):
Date Application Signed: 27 JULY 2005 State of) County of) ss.: Before me this day of, personally appeared	nvemor's Signature (Se	J. Sensla Da	ate Assignment Signed: 27	7 JULY 2005
Before me this day of, personally appeared		Steven J. Simske	Date Application Sign	ed: 27 JULY 2005
Before me this day of, personally appeared	State of)		
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:	County of) ss.:)		
My commission expires:	personally known or pro	oved to me on the basis of satisf	rsonally appeared <u>Steven J.</u> actory evidence to be the pers	Simske who is son who acknowledged the foregoing
Nev 12/04 (Assign) (Use Page Two For Additional Inventor(s) Signature(s)) Page 1 of 2				•
<u> </u>	lev 12/04 (Assign)	(Use Page Two For Additional	inventor(s) Sign elure(s))	Page 1 of 2
		- mathematic	-	

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Fort Collins, Colorado 80527-2400

PATENT APPLICATION
ATTORNEY DOCKET NO. __200500190-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

IN WITNESS WHEREOF, I/we hereunto	set my/our hand(s) and seal(s):
Inventor's Signature (Seal)	Date Assignment Signed: 76 July 2005 Date Application Signed: 26 July 2005
Inventor's Typed Name: David E Auter	Date Application Signed: 26 July 2005
otate of ,	
County of)	ss.:
	, personally appeared <u>David E Auter</u> who is sis of satisfactory evidence to be the person who acknowledged the foregoing and deed.
	Notary Public My commission expires:
	Date Assignment Signed:
Inventor's Signature (Seal)	
Inventor's Typed Name: Andrew Fayette Page	Date Application Signed:
State of)	
)s County of	SS.:
	, personally appeared Andrew Fayette Page who is sis of satisfactory evidence to be the person who acknowledged the foregoing and deed.
	Notary Public
	My commission expires:
nventor's Signature (Seal)	Date Assignment Signed:
nventor's Typed Name: Eddie A. Torres	Date Application Signed:
State of)	
County of) so	s.:
Before me this day of ersonally known or proved to me on the basi nstrument of assignment to be his/her free act an	, personally appeared who is is of satisfactory evidence to be the person who acknowledged the foregoing and deed.
	Notary Public
	My commission expires:
(Use Page Three F	for Additional Inventor(s) Signature(s))

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Fort Collins, Colorado 80527-2400

PATENT APPLICATION
ATTORNEY DOCKET NO. 200500190-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

	Date Assignment Signed:	
Inventor's Signature (Seal)		
Inventor's Typed Name: Devid E. Auter	Date Application Signed:	
State of	1	
State Of	,) ss.:	
County of)	
Defens on this day of	nomanelly engaged Paul C Avies	who i
personally known or proved to me on instrument of assignment to be his/her from	personally appeared <u>David E. Auter</u> the basis of satisfactory evidence to be the person who acknowledged the ee act and deed.	e foregoing
•	Notary Public	
	My commission expires:	
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	Date Assignment Signed: 27-Jul- 05 Page Date Application Signed: 27-Jul-	
Inventor's Signature (Seal)	Date Assignment Signed	
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Inventor's Typed Name: Andrew Fayette	Page Date Application Signed:	<u> </u>
state of California county of Santa Clara)	
) ss .:	
county of Soundan Claim	۵)	
personally known or proved to me on instrument of assignment to be his/her fre	the basis of satisfactory evidence to be the person who acknowledged the seact and deed.	foregoing
	Notary Public	
	My commission expires:	
	Date Assignment Signed:	
nventor's Signature (Seal)		
nventor's Typed Name: Eddle A. Torres	Date Application Signed:	
nventor's Typed Name: Eddle A. Torres	Date Application Signed:	
nventor's Typed Name: Eddle A. Torres	Date Application Signed:	
nventor's Typed Name Eddle A. Torres State of County of)) ss.:	
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nventor's Typed Name: Eddle A. Torres State of County of Before me this day of personally known or proved to me on t	Date Application Signed:)) ss.:) , personally appeared	who is
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ASSIGNMENT OF PATENT APPLICATION (cont.)

		Date Assignment Signed:
Inventor's Signature (Seal)		
Inventor's Typed Name: Da	vid E Auter	Date Application Signed:
State of)	
) ss.:	
County of)	
Before me this d	ay of	, personally appeared <u>David E Auter</u> who is
	ed to me on the basis of so to be his/her free act and deed	atisfactory evidence to be the person who acknowledged the foregoing
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		Notary Public
		My commission expires:
		Pate Assignment Signed
nventor's Signature (Seal)		_Date Assignment Signed:
nventor's Typed Name: Ar	drew Favette Page	Date Application Signed:
nventor s ryped mane. A		Date Application Signed
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ersonally known or prove	ay of ed to me on the basis of so be his/her free act and deed	personally appeared <u>Andrew Fayette Page</u> who is atisfactory evidence to be the person who acknowledged the foregoing l.
		Notary Public
		My commission expires:
eddie 47.	مر حر	Date Assignment Signed: Aug 15t/2005
nventor's Typed Name: Ede	de A. Torres	Date Application Signed:
state of Oregon)	
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ersonally known or prove	by of <u>Queut</u> 2005 d to me on the basis of sa be his/her free act and deed.	personally appeared <u>Eddie A. Torres</u> who is attisfactory evidence to be the person who acknowledged the foregoing
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		PIOIAL SEAL
•	NOTARY	PUBLIC - OREGON SION NO. 373853

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

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