1-28-05		····			
FORM PTO-1595 1-31-92	02-11-2	2005		IT OF COMMERCE d Trademark Office	
1-01-62,			Attorney Docket No.		
1. Name of conveying party(ies):	1029393	373	ddress of receiving party(ies):		
Stephan Karl Barsun	1	HEWIE	TT-PACKARD DEVELOPMENT		
Jeff Evans		20555	SH 249	9	
Glenn C. Simon		Houstor	n, TX 77070	P1 P	
Robert William Dobbs				U.8	
Andrew Michael Cherniski				112967	
Additional name(s) of conveying party(ies) attack	nedYes _X_No	Additional na	me(s) & address(es) attached?	Yes <u>X</u> No	
3. Nature of Conveyance:					
X Assignment	Merger	Change of Name			
Security Agreement	Other				
Execution Date(s): 01/13/2005					
4. Application number(s) or patent num	nber(s):				
If this document is being filed together	rwith a new appli	cation, exec	ution date of the application i	s: 01/13/2005	
A. Patent Application No.(s)			B. Patent No.(s)	
Application No.:	Date Filed:				
Confirmation No.:	Additional number	ers attached	? <u>NO</u>	İ	
5. Name and address of party to whom concerning document should be main		6. Total number of applications and patents involved: 1			
Records Manager Intellectual Property Administration		7. Total Fee (37 CFR 3.41): \$40.00			
HEWLETT-PACKARD COMPANY		Enclosed			
P.O. Box 272400 Fort Collins, Colorado 80527-2400	1	X Authorization to be charged to deposit account.			
		8. Deposit	Account Number: 08-2025		
	DO NOT USE	THIS SPAC	Ε		
Statement and signature.					
To the best of my knowledge and beli true copy of the original document.	ief, the foregoing i	nformation is	s true and correct and any at	tached copy is a	
Robert J. Brill	Robert). 8		05	
Name of Person Signing Signature U Date Total number of pages including cover sheet, attachments, and document: 4					
OMB No. 0651-0011 (exp. 4/94)	mber or pages includ	ing cover sne	et, attachments, and document		
	Do Not detac		on		
Mail document to be recorded with required cover sheet information to:					
Mail Stop Assignment Recordation Services C:8021					
PO Box 1450					
Alexandria, VA 22313-1450					

Rev 12/04 (Recdasgn)

PATENT REEL: 016238 FRAME: 0767 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. 200402318-1

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:

REVERSIBLE FAN OF ELECTRONIC	
Filing date:	Application No.:
continuations-in-part (C-I-P's), div	rovement(s) set forth therein, and any and all continuations, isionals, and renewals of and substitutes for said application for said tters Patent of the United States and of countries foreign thereto which or; and any reissues, or reexaminations, or extensions of said Letters
country, to be held and enjoyed by	HPDC to file applications in my/our name for Letters Patent in any by HPDC, its successors, assigns, nominees or legal representatives, to for which said Letters Patent respectively may be granted, reissued or as the same would have been held and enjoyed by me/us had this made;
that I/we have not executed and covenant and agree that I/we will deliver all such papers as may improvement(s), said application a tegal representatives, and I/we a respecting said invention(s) or implegal proceedings, to sign all law C-I-P's, reissue and foreign application and enforce for its or their own had anterest for its or their own had a supplied to the control of the control	at I/we have full right to convey the entire interest herein assigned, and will not execute any agreement in conflict herewith, and I/we further I, each time a request is made, and without undue delay, execute and be necessary or desirable to perfect the title to said invention(s) or and said Letters Patent, to HPDC, its successors, assigns, nominees or agree to communicate to HPDC, or to its nominee, all known facts provement(s), said application and said Letters Patent, to testify in any virul papers, to execute all disclaimers and divisionals, continuations, sations, to make all rightful oaths and declarations, and generally to do its successors, assigns, nominees and legal representatives to obtain benefit, proper patent protection for said invention(s) or improvement(s) and the expenses which may be incurred by me/us in lending such aid by HPDC;
States and any official of any coupatents on applications as afores:	and request the Commissioner of Patents and Trademarks of the United Suntry or countries foreign to the United States whose duty it is to issue aid, to issue to HPDC, as assignee of the entire right, title and interest, if invention(s) or improvement(s), including any and all Letters Patent of issued and granted on or as a result of the application aforesaid, in assignment.
said application now identified by	ect the attorneys of record to insert the serial number and filing date of y the attomey docket number and title set forth above as soon as the n to them by the United States Patent and Trademark Office.
IN WITNESS WHEREOF, I/we	hereunto set my/our hand(s) and seal(s):
Som ha	Date Assignment Signed: 1-/3-2ac
Inventor's Typed Name: Stephan Karl Ban	Sun Date Application Signed: (-13 - 2 co 5
State of	
County of) ss.:)
Before me this day of personally known or proved to me on to instrument of assignment to be his/her free	, personally appeared <u>Stephan Karl Barsun</u> who is the basis of satisfactory evidence to be the person who acknowledged the foregoing se act and deed.
	Notary Rublic

Page 1 of 3

Rev 12/04 (Assign)

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

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

PATEN	T APPLICATION
ATTORNEY DOCKET NO.	200402318-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

IN WITNESS WHEREOF, I/we hereunto set in	ny/our hand(s) and seal(s):
Inventor's Stonature (Seel)	Date Assignment Signed:
Inventor's Typed Name: Jeff Evans	Date Application Signed: 1/13/05
State of)	, ,
County of) ss.:	
Before me this day of personally known or proved to me on the basis of instrument of assignment to be his/her free act and dee	
	Notary Public My commission expires:
Hum C. Suin Inventor's Signature (Seal)	
Inventor's Typed Name: Glenn C. Simon	Date Application Signed: 1/13/2005
State of)) ss.: County of)	
Before me this day of personally known or proved to me on the basis of sinstrument of assignment to be his/her free act and dee	satisfactory evidence to be the person who acknowledged the foregoing
	Notary Public My commission expires:
Nohr William Dolla Inventor's Signature (Seal)	_Date Assignment Signed: 1/13/2005
Inventor's Typed Name: Robert William Dobbs	Date Application Signed: 1/13/2005
State of	
County of) ss.:	
Before me this day of	satisfactory evidence to be the person who acknowledged the foregoing
	Notary Fublic My commission expires:
	itional Inventor(s) Signature(s)) Page 2 of 3

Rev 12/04 (Assign)

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Fort Collins, Colorado 80527-2400

PATENT APPLICATION ATTORNEY DOCKET NO. 2004 0231 8-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

IN WITNESS WHEREOF, I we	hereunto set m	ny/our hand(s) and seal(s):	
andrew Michael Inventor's Signature (Seal)	Chernis	Date Assignment Signed:	1-13-05 Signed 1-13-05
Inventor's Typed Name: Andrew Mid	hael Chemiski	Date Application S	Signed 1-13-Ø5
State of)		
County of) ss.:)		
Before me thisday of _ personally known or proved to me instrument of assignment to be his/he	on the basis of s	satisfactory evidence to be the	w Michael Cherniski who is person who acknowledged the foregoing
			Notary Public My commission expires:
Inventor's Signature (Seal)		Date Assignment Signed:	
Inventor's Typed Name:		Date Application S	Signed
State of)		
County of) ss.:)		
Before me this day of _ personally known or proved to me instrument of assignment to be his/he	on the basis of s	atisfactory evidence to be the p	who is person who acknowledged the foregoing Notary Public My commission expires:
Inventor's Signature (Seal)		Date Assignment Signed:	my commission or pivo
Inventor's Typed Name:		Date Application S	igned
State of County of)) \$s.:)		
Before me this day of personally known or proved to me of instrument of assignment to be his/her	on the basis of s	atisfactory evidence to be the p	who is erson who acknowledged the foregoing
			Notary Public My commission expires:
(Use	Next Page For Ad	ditional Inventor(s) Signature(s))	Page 3 of 3

PATENT REEL: 016238 FRAME: 0770

RECORDED: 01/28/2005