FORM P10-1595	04-19-1	2004		IT OF COMMERCE Trademark Office
EV368630095			Attorney Docket No.	
Name of conveying party(ies):	10272	1504	ress of receiving party(ies):
Roonald Hellekson Ronnie Yenchik				COMPAN U.S. PTO 10/822064 The
Additional name(s) of conveying party(ies) attached	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): 04/06/2004				
4. Application number(s) or patent number	er(s):	4226	, (b	14.41 4.114.11
If this document is being filed together w				s: 04/06/2004
A. Patent Application No.(s)			B. Patent No.(s)	
Application No.:	Date Filed:			
Confirmation No.:	Additional numbe	ers attached? NO	<u>-</u>	
5. Name and address of party to whom concerning document should be mailed		6. Total number	of applications and pate	nts involved: 1
Records Manager	Ì	7. Total Fee (37	CFR 3.41): \$40.00)
Intellectual Property Administration HEWLETT-PACKARD COMPANY		Enclos	ed	
P.O. Box 272400 Fort Collins, Colorado 80527-2400		_X Author	rization to be charged to	deposit account.
		8. Deposit Acco	unt 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.	, the foregoing ir	nformation is true	and correct and any att	ached copy is a \$9055801
Michael K. Colby	Mahal V	Colley /	Apr 07, 200)4
Name of Person Signing	Signature		Date	6202
	er of pages includ	ing cover sheet, att	achments, and document:_	00000221 082025 0 00 1A
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	Alexandria, \	/A 22313-1450		- L.
Rev 10/03 (Recdasgn)			PATEN'	\$ 5

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HEWLETT-PACKARD COMPANY Intellectual Property Administrator P. O. Box 272400 Fort Collins, Colorado 80527-2400 PATENT APPLICATION

ATTORNEY DOCKET NO. 200312670-1

EV368630095

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

Company an and assigns,	exas, (hereinafter HPDC), in furtherance of my/our obligations to the Hewlett-Packard dits subsidiaries and affiliates, and do hereby assign and transfer to HPDC, its successors, the entire right, title and interest, including the right of priority, in, to and under an of Letters Patent of the United States entitled:
Bonding An Ir	nterconnect To A Circuit Device And Related Devices
Filing date:	Application No.:
continuations Letters Pater	vention(s) and improvement(s) set forth therein, and any and all continuations, sin-part (C-I-P's), divisionals, and renewals of and substitutes for said application for said and any and all Letters Patent of the United States and of countries foreign thereto which ted thereon or therefor; and any reissues, or reexaminations, or extensions of said Letters
the full end of extended, as	dditionally authorize HPDC to file applications in my/our name for Letters Patent in any be held and enjoyed by HPDC, its successors, assigns, nominees or legal representatives, to of the term or terms for which said Letters Patent respectively may be granted, reissued or is fully and entirely as the same would have been held and enjoyed by me/us had this and transfer not been made;
that I/we had covenant and deliver all so improvement legal represe respecting sa legal proceed C-I-P's, reissieverything per and enforce, in any and	hereby covenant that I/we have full right to convey the entire interest herein assigned, and we not executed and will not execute any agreement in conflict herewith, and I/we further diagree that I/we will, each time a request is made, and without undue delay, execute and uch papers as may be necessary or desirable to perfect the title to said invention(s) or (s), said application and said Letters Patent, to HPDC, its successors, assigns, nominees or intatives, and I/we agree to communicate to HPDC, or to its nominee, all known facts aid invention(s) or improvement(s), said application and said Letters Patent, to testify in any dings, to sign all lawful papers, to execute all disclaimers and divisionals, continuations, ue and foreign applications, to make all rightful oaths and declarations, and generally to do ossible to aid HPDC, its successors, assigns, nominees and legal representatives to obtain for its or their own benefit, proper patent protection for said invention(s) or improvement(s) all countries provided the expenses which may be incurred by me/us in lending such and assistance are paid by HPDC;
States and ar patents on ap any and all Li the United St	hereby authorize and request the Commissioner of Patents and Trademarks of the United by official of any country or countries foreign to the United States whose duty it is to issue applications as aforesaid, to issue to HPDC, as assignee of the entire right, title and interest, etters Patent for said invention(s) or improvement(s), including any and all Letters Patent of tates which may be issued and granted on or as a result of the application aforesaid, in the terms of this assignment.
said application	er authorize and direct the attorneys of record to insert the serial number and filing date of on now identified by the attorney docket number and title set forth above as soon as the ve been made known to them by the United States Patent and Trademark Office.
IN WITNE	SS WHEREOF, I/we hereunto set my/our hand(s) and seal(s): Date Assignment Signed: 4 / 57 / 57 / 57
	Date Assignment Signed: 57 57 57 57 57 57 57 57 57 57 57 57 57
State of	
county of) ss.:)
ersonally known	s day of personally appeared who is no reproved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing ignment to be his/her free act and deed.
	Notary Public My commission expires:
ev 02/03 (Assign)	(Use Page Two For Additional Inventor(s) Signature(s)) Page 1 of 2

PATENT PAGE. 02

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HEWLETT-PACKARD COMPANY Intellectual Property Administration P. O. Box 272460 Fort Collins, Colorado 80527-2400

PATENT APPLICATION

ATTORNEY DOCKET NO. 200312670-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

IN WITNESS WHEREOF,	. I/w e hereunto set my/	four hand(s) and seal(s):
Renald A. He	elletsen	Date Assignment Signed: 04/06/04 Date Application Signed: 4/06/04
inventor's Signature (Sear)	ald Hellekson	Parts Application Signed: CH / OF / OF
		Date Application signed.
State of)) ss.:	
County of)	
Before me this day personally known or proved instrument of assignment to b	to me on the basis of sati	personally appearedwho is isfactory evidence to be the person who acknowledged the foregoing
		Notary Public My commission expires:
Land of Circles (Carl)		Date Assignment Signed:
Inventor's Signature (Seal)	nia Vanchik	
Inventor's Typed Name: Ron	THE PERIODS	Date Application Signed:
State of)) ss.:	
County of)	
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Inventor's Signature (Seal) Inventor's Typed Name: State of County of Before me this	of	Notary Rublic My commission expires Date Application Signed: Date Application Signed: Who is diactory evidence to be the person who acknowledged the foregoing Notary Rublic My commission expires:
Inventor's Signature (Seal) Inventor's Typed Name: State of County of Before me this day personally known or proved t	of	Notary Rublic My commission expires Date Application Signed: Date Application Signed: Who is diactory evidence to be the person who acknowledged the foregoing Notary Rublic Notary Rublic My commission expires:

HEWLETT-PACKARD COMPANY Intellectual Property Administrator P. O. Box 272400 Fort Collins, Colorado 80527-2400

PATENT APPLICATION

ATTORNEY DOCKET NO. 200312670-1

ASSIGNMENT OF PATENT APPUCATION 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: Bonding An Interconnect To A Circuit Device And Related Devices Application No.: Filing date: 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 I/we additionally authorize HPDC to file applications in my/our name for Letters Patent in any 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 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 HPDC, its successors, assigns, 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, reissue and foreign applications, to make all rightful oaths and declarations, and generally to do 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) are any and all countries arounded the expenses which may be included by making in londing and invention. 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 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): _____Date Assignment Signed:____ Inventor's Signature (Seal) Inventor's Typed Name: Neal Meyer _____ Date Application Signed:____ State of 95,: County of Before me this ____ day of _____, personally appeared _____ 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. Notery Public My commission expires:

Hov 02/03 (Assign)

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

Page 1 of 2

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HEWLETT-PACKARD COMPANY Intellectual Property Administration P. O. Box 272400 Fort Collins, Colorado 80527-2400

PATENT APPLICATION

ATTORNEY DOCKET NO. 200312670-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

		Date Assignment Signed:	
Inventor's Signature (Seal)			
Inventor's Typed Name: Ro	onald Hellekson	Date Applicatio	n Signed:
State of)		
County of) ss.:		
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personally known or proven nstrument of assignment to	d to me on the basis		e person who acknowledged the foregoin
			Notary Public
			My complesion explore:
Jani U	fen chick	Oate Assignment Signed:	4/6/04
Inventor's Signature (Seal)	onnia Yanahik		
nventor's Typod Namo; Ro	Office Tenerik	Date Application	n Signed:
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Before me this day personally known or proved instrument of assignment to enventor's Signature (Seel) inventor's Typod Name; tate of county of Before me this day	y of	of satisfactory evidence to be the deed.	Notary Public My commission expires. A Signed: who is person who acknowledged the foregoin

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RECORDED: 04/08/2004