FORM PTO-1595			U.S. DEPARTMENT OF COMMERCE			
4.04.00	RECORDATION FOR	M COVER SHEET	Patent and Trademark Office			
'	RECORDATION FORM COVER SHEET PATENTS ONLY		Attorney Docket No. 200209474-1			
4 Name of according to the state (i.e.a.)			lress of receiving party(ies):			
Name of conveying party(ies): Vincent Nguyen						
Kevin G. Depew		20555 SH 24	CKARD DEVELOPMENT COMPANY, L.P. 9			
		Houston, TX	77070			
Additional name(s) of conveying party(ies) atta	ached Yes X_No	Additional name(s) &	address(es) attached?YesX_ No			
3. Nature of Conveyance:						
X Assignment	Merger		Change of Name			
Security Agreement	Other					
Execution Date(s): 1/14/2003; 1/16/	Traum II					
4. Application number(s) or patent nu	ımber(s):					
If this document is being filed togeth	ner with a new appli	cation, execution o	date of the application is:			
A. Patent Application No.(s)			B. Patent No.(s)			
Application No.; 10/348,228	Date Filed: 1/	21/2003				
Confirmation No.: 9889	Additional numbers attached? NO					
5. Name and address of party to who concerning document should be m		6. Total number of	of applications and patents involved: 1			
Records Manager		7. Total Fee (37 CFR 3.41): \$40.00				
Intellectual Property Administration HEWLETT-PACKARD COMPANY	on	_ Enclose	ed			
P.O. Box 272400			ization to be charged to deposit account.			
Fort Collins, Colorado 80527-246	00	Author	ization to be charged to deposit account.			
		8. Deposit Accor	unt Number: <u>08-2025</u>			
DO NOT USE THIS SPACE						
Statement and signature.						
	elief, the foregoing i	nformation is true	and correct and any attached copy is a			
true copy of the original document.						
	0	1110				
Carrie McKerley	(arrie M	Mulez	Jul 22, 2003			
Name of Person Signing	Signature	0	Date			
Total number of pages including cover sheet, attachments, and document: 3						
OMB No. 0651-0011 (exp. 4/94)						
Do Not detach this portion Mail document to be recorded with required cover sheet information to:						
Mail Stop Assignment Recordation Services Director of the US Patent and Trademark Office						
	PO	Box 1450 VA 22313-1450	DATENT			

Rev 05/03**7/000**37261 **REEL: 013822 FRAME: 0436** When recorded please return to:

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

PATENT APPLICATION

ATTORNEY DOCKET NO. 200209474-1

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 assigns, the	e entire right, title and in etters Patent of the United	iterest, including the rigi	ht of priority, in, to and under an
SYSTEM AND M	ETHOD FOR TESTING FOR	MEMORY ERRORS IN A	COMPUTER SYSTEM
Filing date:	01-21-2003	Application No	10/348,228
continuations-in-	part (C-I-P's), divisionals, and any and all Letters Pate	and renewals of and suc nt of the United States a	and any and all continuations, estitutes for said application for said application for said of countries foreign thereto which nations, or extensions of said Letters
country, to be he the full end of the extended, as full	eld and enjoyed by HPDC, he term or terms for which	its successors, assigns, i said Letters Patent resp	our name for Letters Patent in any nominees or legal representatives, to ectively may be granted, reissued or eld and enjoyed by me/us had this
that I/we have a covenant and as deliver all such improvement(s), legal representa respecting said legal proceeding C-I-P's, reissue everything poss and enforce, for in any and all	not executed and will not gree that I/we will, each till papers as may be neces said application and said latives, and I/we agree to invention(s) or improvement gs, to sign all lawful paper and foreign applications, to its or their own benefit, but its or their own benefit, but and sor their own benefit, but their own benefit, but its or their own benefit, but and sor their own benefit, but their own benefit to be the said and their own their	execute any agreement in me a request is made, and sary or desirable to periveters Patent, to HPDC, communicate to HPDC, int(s), said application and irs, to execute all disclain make all rightful oaths a essors, assigns, nominee roper patent protection for expenses which may be	e entire interest herein assigned, and n conflict herewith, and I/we further d without undue delay, execute and fect the title to said invention(s) or its successors, assigns, nominees or or to its nominee, all known facts said Letters Patent, to testify in any mers and divisionals, continuations, and declarations, and generally to do and legal representatives to obtain a said invention(s) or improvement(s) incurred by me/us in lending such
States and any patents on appli any and all Letter the United State	official of any country or c cations as aforesaid, to iss ars Patent for said inventio	ountries foreign to the Ur sue to HPDC, as assignee n(s) or improvement(s), in and granted on or as a r	atents and Trademarks of the United nited States whose duty it is to issue of the entire right, title and interest, noluding any and all Letters Patent of esult of the application aforesaid, in
said application	now identified by the atto	rnev docket number and	rt the serial number and filing date of title set forth above as soon as the tent and Trademark Office.
IN WITNES:	WHEREOF, I/we hereunto	Date Assignment Signed:	1/14/08
, ,	me: <u>Vincent NGUYEN</u>	Date Applicati	on Signed: 1/4/03
State of)) ss.:		
County of	,		and the second s
	day of		meent NGUYEN who is the person who acknowledged the foregoing

Notary Public

My commission expires:

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. 200209474-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

IN WITNESS WHEREOF, I/we hereunto set my/our hand(s) and seal(s): Date Assignment Signed: 01/16 /2003 Inventor's Typed Name: Kevin G. DEPEW _____ Date Application Signed:____ State of) ss.: County of who is _, personally appeared ____Kevin G. DEPEW____ 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 instrument of assignment to be his/her free act and deed. Notary Public My commission expires: Date Assignment Signed: Inventor's Signature (Seal) ____ Date Application Signed:_____ Inventor's Typed Name:_ State of) ss.: County of ___, personally appeared _ 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: ____Date Assignment Signed:___ Inventor's Signature (Seal) Date Application Signed:_____ Inventor's Typed Name:____ State of) 55.: County of Before me this ___ _, personally appeared _ _day 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

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

Page 2 of 2

PATENT REEL: 013822 FRAME: 0438