U.S. DEPARTMENT OF COMMERCE ATTORNEY DOCKET NO. ____200504974-1 Patent and Trademark Office

RECORDATION F	ORM COVER SHEET	
PATEN	ITS ONLY	
1. Name of conveying party(ies): Chin Dixie Huang Jeffrey A. Hintzman Dennis James Schloeman Hang Liao	Name and address of receiving party(ies): HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. 20555 SH 249 Houston, TX 77070	
Additional name(s) of conveying party(ies) attached?		
Execution Date(s):Oct 18, 2005, Oct 24, 2005, Oct 26, 2005; 4. Application number(s) or patent number(s): If this document is being filed together with a new application. A. Patent Application No.(s)		
Application No.: 11/259335 Date Filed:	Oct 26, 2005	
Confirmation No. 4147 B. Patent N	a.(s):	
Additional numbers attached? <u>NO</u>		
5. Name and address of party to whom correspondence concerning document should be mailed: Records Manager Intellectual Property Administration HEWLETT-PACKARD COMPANY P.O. Box 272400	6. Total number of applications and patents involved: 1 7. Total Fee (37 CFR 3.41):\$40.00 Enclosed X Authorization to be charged to deposit account.	
Fort Collins, Colorado 80527-2400	8. Deposit Account Number: 08-2025	
9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document. Jennifer Torres Aug 23, 2006		
Name of Person Signing	ature Date	
Total number of pages including covershe		
Mail Stop Assignment Recordation Services, Director of	t) should be faxed to (703) 306-5995, or mailed to: the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450	

Rev 10/05 (RecdAsgn)

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

ATTORNEY DOCKET NO. 200504974-1

ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned (each) have egreed 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 furtherence of my/our obligations to the Hewlett-Packard Company and its subsidiaries and affillates, 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 Linited States antitled.

TRANSISTOR DEVICE	intitled:	
INAMASSTOR DEVICE		
Filing date: _OC+ 26, 2005	Application No.:	11/259335
and the Invention(s) and improvement(s) set continuations-in-part (C-I-P's), divisionals, and rene Letters Patent, and any and all Letters Patent of the may be granted thereon or therefor; and eny relss! Patent.	swals of and substit	utes for said application for said

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 and of the term of terms for which said Letters Patent respectively may be granted, released 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 coverant 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 coverant 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, release and foreign applications, to make all rightful oaths and declarations, and generally to do everything possible to aid HPDC, its successors, assigns, nominaes 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 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/o	our hand(s) and seal(s):
Inventor's Signature (Date As	signment Signed: 10/17/205
inventor's Typed Nem	e: Chin Dixie Huang	Date Application Signed:
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County of) 58.:)	·
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tev 12/04 (Aggigx)	(Use Rage Two For Additional Invento	r(s) Signature(s)) Page 1 of 1-4

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HEWLETT-PACKARD COMPANY intellectual Property Administration P. O. Box 272400 Fort Collins, Colorado 80527-2400 PATENT APPLICATION
ATTORNEY DOCKET NO. 200504974-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

IN WITNESS WHEREOF	≅, l/we hjereuntoset my/d	our hand(s) and seal(s):
Inventor s/Signature (Seal)	Hitmo	ate Assignment Signed: 24 October 2005
Inventor's Typed Name: Jeff	roy A. Hint≥men	Date Application Signed: 34 October 2005
State of)	
County of)) \$9.:	
Before me thisday personally known or proved instrument of assignment to t	i to me on the besis of satis	reconally appeared <u>Jettray A. Hintzman</u> who had acknowledged the foregoing
		Notary Public My commission expires:
	_	
Inventor's Signature (Seal)	Da	te Assignment Signed:
Inventor's Typed Name: Denn	nis James Schloemen	Date Application Signed:
State of	ו	
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HEWLETT-PACKARD COMPANY intellectual Property Administration P. O. Box 272400 Fort Collins, Colorado 80527-2400 PATENT APPLICATION
ATTORNEY DOCKET NO. 200504974-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

	Date Assignment Signed:
inventor's Signature (Seal)	
nventor's Typed Name: Jeffrey A. Hintzman	Date Application Signed:
State of)	
) ss.: County of	
Sefore me this day of personally known or proved to me on the basis of se instrument of assignment to be his/her free act and deed	personally appearedwho is attractory evidence to be the person who acknowledged the foregoing .
	Notary Public My commission expires:
inventor's Signafüre (Seal)	Date Assignment Signed: Detober 26, 2005
Inventor's Typed Name: Dennis James Schlosman	Date Application Signed:
State of }	
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Before me this 26 ⁷⁷ day of October personally known or proved to me on the basis of se instrument of assignment to be his/her free act and deed OFFICIAL SEAL LEESA BRIGHT NOTARY PUBLIC - OREGON COMMISSION NO. 397562 MY COMMISSION EXPIRES OCT. 16, 2	atiefactory evidence to be the person who acknowledged the foregoin
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HEWLETT-PACKARD COMPANY intellectual Property Administration P. O. Box 272400 Fort Collins, Colorado 80527-2400

PATENT APPLICATION ATTORNEY DOCKET NO. __200504974-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

	n.	e Assignment Signod:
Inventor's Signature (Soal)		A COMMISSION AND INC.
inventor's Typed Name: _ief	frey A. Hintzman	Date Application Signed:
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	nala Jamas Bahtanman	DA AUGUSTA
inventor's Typed Name; Der	JUSE WIRELINES SCHOOLUNIO	Date Application Signed:
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