02-06-2006



ATTORNEY DOCKET NO	200403362-1	_		173060	ENT OF Co	
	RECC	ORDATIO	ON FORM COVE	R SHEET		
		PAT	ENTS ONLY	Y		
1. Name of conveying part	y(ies):		2. Name and	address of receiving part	y(ies):	
Theodore I. Kamins			HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. 20555 SH 249			
Alexandre M. Bratkovsk	i		Houston,	TX 77070		9
Shashank Sharma						å
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						113243 U.S.
Additional name(s) of conveying	ing narty/jes\ attached3) TVes [VNo Additional nam	so(s) and address(so) attaches	uda 🗆 Vaa	⊡N a
3. Nature of Conveyance:	ing party(les) attached:		Additional ham	ie(s) and address(es) attache	ed?Tes 2	ZINO
X Assignment	Merger	Char	nge of Name	Security Agreemer	nt [Joint
Other			-	_ , ,		
Execution Date(s): Januar 4. Application number(s) or If this document is being A. Patent Application No	r patent number(s): filed together with a	new appl	ication, execution d	late of the application is:	January 26, 2	006
Application No.:		Date F	Filed:			
Confirmation No.:		B. Pate	B. Patent No.(s):			
Additional numbers attach-	ed? <u>NO</u>					
Name and address of party to whom correspondence concerning document should be mailed:		6. Total numb	6. Total number of applications and patents involved: 1			
			7. Total Fee	(37 CFR 3.41):\$	40.00	
Records Manager Intellectual Property Administration HEWLETT-PACKARD COMPANY P.O. Box 272400			Enclo	nsed		
				X_Authorization to be charged to deposit account.		
Fort Collins, Colorado 80527-2400		8. Deposit A	8. Deposit Account Number: 08-2025			
 Statement and signature To the best of my knowle copy of the original docu 	edge and belief, the f	foregoing	information is true a	and correct and any attacl	hed copy is a	true
		41	A.			
Edgar R. Cataxir		1000	elledas	Januai	ry 27, 2006	
Name of Person Si	gning	/	Signature		Date	
Total nu	mber of pages includ	ding cover	sheet, attachments	, and documents:3		
Documents to I	be recorded (includin	ng cover s	heet) should be fax	ed to (703) 306-5995, or o	mailed to:	450

Page 1 of 1

Rev 10/05 (RecdAsgn)

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PATENT REEL: 017521 FRAME: 0302 HEWLETT-PACKARD COMPANY Intellectual Property Administrator P.O. Box 272400 Fort Collins, Colorado 80527-2400

Rev 10/05(Assignment)

06 03:17p

PATENT APPLICATION

ATTORNEY DOCKET NO. 200403362-1

ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned (each) have agreed and hereby DEVELOPMENT COMPANY, L.P., a Texas Limited Partnership havi Texas, (hereinafter HPDC), in furtherance of my/our obligations subsidiaries and affiliates, and do hereby assign and transfer to HPDC title and interest, including the right of priority, in, to and under an app	ng its principal place of business in Houston, to the Hewlett-Packard Company and its c, its successors and assigns, the entire right,
entitled:	THE SAME
NANOWIRE HETEROSTRUCTURES AND METHODS OF FORMING	THE OPINE
Filing Date: Applicable	on No :
and the invention(s) and improvement(s) set forth therein, and any ar P's), divisionals, and renewals of and substitutes for said application f Patent of the United States and of countries foreign thereto which meissues, or reexaminations, or extensions of said Letters Patent.	or said Letters Patent, and any and all Letters hay be granted thereon or therefore; and any
I/we additionally authorize HPDC to file applications in my/ou held and enjoyed by HPDC, its successors, assigns, nominees or legaterms for which said Letters Patent respectively may be granted, reis same would have been held and enjoyed by me/us had this assignment.	al representatives, to the full end of the term or sued or extended, as fully and entirely as the ont, and transfer not been made;
AND I/we hereby covenant that I/we have full right to convey we have not executed and will not execute any agreement in conflict that I/we will, each time a request is made, and without undue delay, necessary or desirable to perfect the title to said invention(s) or impresent, to HPDC, its successors, assigns, nominees or legal representations.	the entire interest herein assigned, and that I/ herewith, and I/we further covenant and agree execute and deliver all such papers as may be rovement(s), said application and said Letters
HPDC, or to its nominee, all known facts respecting said invention(s Letters Patent, to testify in any legal proceedings, to sign all lawful par continuations, C-I-P's, relissue and foreign applications, to make all rido everything possible to aid HPDC, its successors, assigns, nomi) or improvement(s), said application and said pers, to execute all disclaimers and divisionals, ghtful oaths and declarations, and generally to
enforce, for its or their own benefit, proper patent protection for said countries provided the expenses which may be incurred by me/us in paid by HPDC; AND I/we hereby authorize and request the Commissioner of	invention(s) or improvement(s) in any and all lending such cooperation and assistance are
and any official of any country or countries foreign to the United applications as aforesaid, to issue to HPDC, as assignee of the ent Patent for said invention(s) or improvement(s), including any and all be issued and granted on or as a result of the application aforesaid, in	States whose duty it is to issue patents on ire right, title and interest, any and all Letters Letters Patent of the United States which may
I/we further authorize and direct the attorneys of record to application now identified by the attorney docket number and title sebeen made known to them by the United States Patent and Trademar	insert the serial number and filing date of said at forth above as soon as the same shall have
IN WITNESS WHEREOF, I/we hereunto set my/our hand(s) and s	seal(s):
Therdon D. Kamine Inventor's Signature (Seal)	Date Assignment Signed
Theodore I. Kamins Inventor's Typed Name	Date Assignment Signed Date Application Signed
State of)) ss.:	
County of	
Before me this day of , personally appeared	Theodore I. Kamins who is personally
known or proved to me on the basis of satisfactory evidence to be the per- assignment to be his/her free act and deed.	rson who acknowledged the foregoing instrument of
	Notary Public

Page 1 of 2

PATENT REEL: 017521 FRAME: 0303

My Commission Expires:

HEWLETT-PACKARD COMPANY		P.	TENT APPLICATION
Intellectual Property Administrator P.O. Box 272400		ATTORNEY DOCKET NO	000100000
Fort Collins, Colorado 80527-2400		ATTORNEY DOCKET NO.	20040336 2-1
ASSIGNI	MENT OF PATENT	APPLICATION (cont.)	
IN WITNESS WHEREOF, I/WE he	reunto set my/our hand(s) and seal(s):	
Almost UD1/8/1		1/26/2	2006
Inventor's Signature (Seal)		Date Assignment Signed 1 2 6 7	70070
•		1/30/	7000
Alexandre M. Bratkovski			2006
Inventor's Typed Name		Date Application Signed	
State of			
Clate of) ss.:		
County of) ss		
	ersonally appeared	Alexandre M. Bratkovski	who is named at
known or proved to me on the basis of sa assignment to be his/her free act and deed.	tisfactory evidence to be	the person who acknowledged the	who is personally toregoing instrument of
		Notery Public	
		My Commission Expires	:
Shork		01/26/2	-06
Inventor's Signature (Seel)		Date Assignment Signed	
		1-6/0	. 1
Shashank Sharma		01/26/20 Date Application Signed	106
Inventor's Typed Name		Date Application Signed	
State of	A		
) ss.:		
County of)		
Before me thisday of, pe	ersonally anneared	Shashank Shasma	subset by a success of
known or proved to me on the basis of sa assignment to be his/her free act and deed.	tisfactory evidence to be	Shashank Sharma the person who acknowledged the	who is personally foregoing instrument of
		Nolary Public	
		My Commission Expires	:
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Inventor's Signature (Seal)		Date Assignment Signed	
Inventor's Typed Name		Date Application Signed	
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State of	1		
) ss.:		
County of)		
Before me this day of , pe	ersonally appeared		who is personally
known or proved to me on the basis of sai	tisfactory evidence to be	the person who acknowledged the	foregoing instrument of
assignment to be his/her free act and deed.		•	J J
		Notery Public	
Rev 10/05(Assignment)	Page 2 of 2	My Commission Exptres	:
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PATENT **REEL: 017521 FRAME: 0304**