FORM PTO-1595 1-31-92	10-31-	2005	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office	
			Attorney Docket No. 200507343-1	
Name of conveying party(ies):	10311	0279	_udress of receiving party(ies):	
Gregory S. Snider	, -		-PACKARD DEVELOPMENT COMPANY, L.P.	
Philip J. Kuekes		20555 SH	1 249	
·		Houston,	TX 77070 ပုံက ∰	
Ŋ			8.55 1.05	
<del>)</del>			256 1	
			1326	
Additional name(s) of conveying party(ies) attached	dYes _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): Oct. 17, 2005; Oct.	14, 2005			
4. Application number(s) or patent numb	er(s):			
If this document is being filed together v	with a new appli	cation, executi	on date of the application is: 10/21/2005	
A. Patent Application No.(s)			B. Patent No.(s)	
Application No.:	Date Filed:			
Confirmation No.:	Additional numbe	ers attached? _	NO	
Name and address of party to whom concerning document should be maile		6. Total numb	per of applications and patents involved: 1	
Records Manager		7. Total Fee (37 CFR 3.41): \$40.00		
Intellectual Property Administration HEWLETT-PACKARD COMPANY		Enc	closed	
P.O. Box 272400		Y A	therization to be obarged to deposit account	
Fort Collins, Colorado 80527-2400			thorization to be charged to deposit account.	
		8. Deposit A	ccount Number: _08-2025	
	DO NOT USE	THIS SPACE		
Statement and signature.				
· ·	. the foregoing i	nformation is t	rue and correct and any attached copy is a	
true copy of the original document.	, 3			
	_			
Robert W. Bergstrom		Decesto	Oct 21, 2005	
Name of Person Signing	Signature	× ugeno	Date	
Total numb	er of pages includ	ling cover sheet.	attachments, and document: 3	
OMB No. 0651-0011 (exp. 4/94)				
f		ch this portion		
Mail document to be recorded with required \	over sheet inform Mail Stop Assignment		Prvicas	
Γ	prector of the US Pa			
01 FC:8021 40.00 DA		Box 1450		
Rev 12/04 (Recdasan)	Alexandria,	VA 22313-1450		

PATENT REEL: 017141 FRAME: 0773 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. 200507343-1

## 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, (hereing text), in furtherance of my/our obligations to the Hewlett-Packard

and assigns the	entire right, title and inter ters Patent of the United Sta	est, including the right	transfer to HPDC, its successors of priority, in, to and under an
Method for fabric	ating nanoscale features		
Filing date:		Application No.:	
continuations-in-pa	art (C-I-P's), divisionals, and d anv and all Letters Patent (	f renewals of and substi of the United States and	nd any and all continuations itutes for said application for said of countries foreign thereto which ions, or extensions of said Letten
country, to be hel- the full end of the extended, as fully	d and enjoyed by HPDC, its term or terms for which sa	successors, assigns, not lid Letters Patent respect	r name for Letters Patent in any minees or legal representatives, to tively may be granted, reissued of and enjoyed by me/us had this
that I/we have no covenant and agrediver all such properties improvement(s), siegal representatives pecting said invited proceedings, C-I-P's, reissue an everything possible and enforce, for its in any and all co	t executed and will not exe that I/we will, each time apers as may be necessary aid application and said Lettes, and I/we agree to convention(s) or improvement(s) to sign all lawful papers, d foreign applications, to mid to aid HPDC, its successes or their own benefit, prope	cute any agreement in c a request is made, and v or desirable to perfec- ers Patent, to HPDC, its nmunicate to HPDC, or, said application and sa to execute all disclaime ake all rightful oaths and ors, assigns, nominees a or patent protection for si	entire interest herein assigned, and conflict herewith, and I/we further without undue delay, execute and the title to said invention(s) or successors, assigns, nominees or to its nominee, all known facts id Letters Patent, to testify in any are and divisionals, continuations, declarations, and generally to do not legal representatives to obtain aid invention(s) or improvement(s) urred by me/us in lending such
patents and any off patents on applications and all Letters the United States	icial of any country or count tions as aforesaid, to issue t Patent for said invention(s)	tries foreign to the Unite to HPDC, as assignee of or improvement(s) inclu	nts and Trademarks of the United d States whose duty it is to issue the entire right, title and interest, ding any and all Letters Patent of it of the application aforesaid, in
said application no	thorize and direct the attorn w identified by the attorney en made known to them by	' docket number end titl	ne serial number and filing date of e set forth above as soon as the and Trademark Office.
IN WITHESS W	/HEREOF, I/we hereunto set	my/our hand(s) and seal	<b>(s)</b> :
Inventor's Biggsture (Se	Di Gragory S. Snider	ale Assignment Signed:	Aber 17 2005
inventor's Typed Name:	Gregory S. Snider	Date Application St	and Ochla 17 2015
State of	)		7
County of	) <b>ss</b> .:		
Before me this personally known or pro- instrument of assignment	day ofpe oved to me on the basis of satist to be his/her free act and deed.	rsonally appeared <u>Gregory</u> factory evidence to be the p	S. Snider who is erson who acknowledged the foregoing
			Notery Public My commission expires:
Rev 12/04 (Assign)	(Use Page Two For Additional	Inventor(s) Signature(s))	Page 1 of 2

**PATENT** 

REEL: 017141 FRAME: 0774

Page 1 of 2

When recorded please return to:

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

PATEN	T APPLICATION
ATTORNEY DOCKET NO.	200507343-1

## **ASSIGNMENT OF PATENT APPLICATION (cont.)**

MA	Date Assignment Signed:	114, 2005
Inventor's Signature (Seal)		
Inventor's Typed Name: Philip J. Kunk	Date Application Sign	od: Och 14, 2015
State of	)	
County of	) ss.:	
·	,	
personally known or proved to me construment of assignment to be his/her	personally appeared Phillip J. K. on the basis of satisfactory evidence to be the personal pe	who on who acknowledged the foregole
	- N	otary Public
	N	ly commission expires:
inventor's Signature (Seal)	Date Assignment Signed:	
• • •	Data Application Olympia	
Inventor's Typed Name:		sd:
State of	) ) <b>88</b> .:	
County of	)	
Before me this day of personally known or proved to me o instrument of assignment to be his/her	, personally appeared	who on who acknowledged the foregoin
personally known or proved to me o	n the basis of satisfactory evidence to be the pers free act and deed.	who on who acknowledged the foregoin stery Public y commission expires:
personally known or proved to me o	n the basis of satisfactory evidence to be the pers free act and deed.	on who acknowledged the foregoin
personally known or proved to me o	n the basis of satisfactory evidence to be the persifree act and deed.  No satisfactory evidence to be the persifree act and deed.	on who acknowledged the foregoin stary Public y commission expires:
personally known or proved to me o	n the basis of satisfactory evidence to be the pers free act and deed.	on who acknowledged the foregoin stary Public y commission expires:
personally known or proved to me o instrument of assignment to be his/her	n the basis of satisfactory evidence to be the persifree act and deed.  No satisfactory evidence to be the persifree act and deed.	on who acknowledged the foregoin stery Public y commission expires:
personally known or proved to me o instrument of assignment to be his/her	n the basis of satisfactory evidence to be the persifree act and deed.  No. Mr. Mr. Mr. Mr. Mr. Mr. Mr. Mr. Mr. Mr	on who acknowledged the foregoin stery Public y commission expires:
personally known or proved to me o instrument of assignment to be his/her nventor's Signature (Seal) nventor's Typed Name:	n the basis of satisfactory evidence to be the persifree act and deed.  No. Mr. Mr. Mr. Mr. Mr. Mr. Mr. Mr. Mr. Mr	on who acknowledged the foregoin stery Public y commission expires:
personally known or proved to me o instrument of assignment to be his/her nventor's Signature (Seal) nventor's Typed Name:	Date Assignment Signed:  Date Application Signed  Date Application Signed  Date Application Signed	on who acknowledged the foregoin stery Public y commission expires:
nventor's Signature (Seal)  nventor's Typed Name:  State of  County of  Before me this day of	Date Assignment Signed:  Date Application Signed:  personally appeared the basis of satisfactory evidence to be the personally appeared the basis of satisfactory evidence to be the personal	on who acknowledged the foregoin
nventor's Signature (Seal)  nventor's Typed Name:  State of  County of  Before me this day of ersonally known or proved to me on	Date Assignment Signed:  Date Application Signed:  Date Application Signed:  personally appeared the basis of satisfactory evidence to be the personal repeated and deed.	otery Public y commission expires:  d:who is n who acknowledged the foregoing
nventor's Signature (Seal)  nventor's Typed Name:  State of  County of  Before me this day of ersonally known or proved to me on	Date Assignment Signed:  Date Application Signed  Date Application Signed  personally appeared the basis of satisfactory evidence to be the personal section and deed.	on who acknowledged the foregoin
nventor's Signature (Seal)  nventor's Typed Name:  State of  County of  Before me this day of ersonally known or proved to me on instrument of assignment to be his/her f	Date Assignment Signed:  Date Application Signed:  Date Application Signed:  personally appeared  the basis of satisfactory evidence to be the persone act and deed.	on who acknowledged the foregoin  Example Public  The commission expires:  Who is  The who acknowledged the foregoing  The street of the commission expires:
nventor's Signature (Seal)  nventor's Typed Name:  State of  County of  Before me this day of ersonally known or proved to me on instrument of assignment to be his/her f	Date Assignment Signed:  Date Application Signed  Date Application Signed  personally appeared the basis of satisfactory evidence to be the personal section and deed.	con who acknowledged the foregoing stary Public y commission expires:  d:

PATENT REEL: 017141 FRAME: 0775

RECORDED: 10/21/2005