ATTORNEY DOCKET NO20050212	10 0	U.S. DEPARTMENT (Patent and T		
	12-06-20	005		
//	1031315	III suu see		
Name of conveying party(ies):	100	f receiving party(ies):		
Yubai Bi	10313155	7 PROPERSION OF THE STATE OF TH		
Sandeep Bangaru	2055	RD DEVELOPMENT CO	DIVIPANT, L.P	
Fredrick Makau	Hous	ston, TX 77070		
Additional name(s) of conveying party(ies) attached? 3. Nature of Conveyance:	□Yes ⊠No Additiona	al name(s) and address(es) attached?	″es ⊠No	
X Assignment	Change of Name	Security Agreement	☐ Joint	
Other				
A. Patent Application No.(s) Application No.: 11/257,960 Confirmation No.	Date Filed: Oct B. Patent No.(s):	tober 24, 2005		
Additional numbers attached? NO		<u> </u>		
5. Name and address of party to whom correspo	ndence 6 Total	number of applications and patents in	5 Kolvedi∹ 1	
concerning document should be mailed: Records Manager Intellectual Property Administration HEWLETT-PACKARD COMPANY P.O. Box 272400 Fort Collins, Colorado 80527-2400		7. Total Fee (37 CFR 3.41):\$40.00		
		Enclosed		
		X Authorization to be charged to deposit account.		
		8. Deposit Account Number: <u>08-2025</u>		
9. Statement and signature.				
To the best of my knowledge and belief, the focopy of the original document.	pregoing information is	true and correct and any attached copy	y is a true	
Debbie Scharpen	bbû Schape Signature	November 21, 2 Date	2005	
Name of Person Signing				
Total number of pages includi	ng coversheet, attachn	nents, and documents: 4		
Total number of pages includi	cover sheet) should b	pe faxed to (703) 306-5995, or mailed to	o: 313-1450	

Rev 10/05 (RecdAsgn)

12/05/2005 DBYRHE 00000197 082025 11257960 01 FC:8021 40.00 DA ATTORNEY DOCKET NO.

My Commission Expires:

200502129-1

ASSIGNMENT OF PATENT APPLICATION

t/We, the undersigned (each) have agreed and hereby agree to assign to HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., a Texas Limited Pertnership having its principal place of business in Houston, Texas, (hereinefter HPDC), in furtherence of mylour obligations to the Hewlett-Packard Company and its subsidieries 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:

Pilling Dete: Oct 24, 2006 and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations—in-part (CIPPs), divisionals, and renewals of and substitutes for said application for said Lotters Patient, and any and all Lotters Patient of the United States and of countries foreign thereto which may be granted thereon or therefore; and any releases, or rescammations, or extensions of said Lotters Patient. I/we additionally authorize HPDC to file applications in my/our name for Letters Patient in any country, to be held and enjoyed by HPDC, its successors, seeigns, nominess or legal representatives, to the full end of the term or terms for which said Letters Patient respectively may be granted, released or extended, as fully and entirely as the same would have been held and enjoyed by marks had this assignment, and transfer not been made; AND lives hereby coverant that lives here full right to convey the entire interest herein assigned, and that I/we have not associated and will not escape any agreement in conflict herewith, and I/we further coverant and agree that I/we will, each time a request the made, and without undus acidely, essects and deliver all such papers as may be that I/we had, see the major and the second any agreement in conflict herewith, and I/we further coverant and agree that I/we will, each time a request the made, and without undus adelay, essects and deliver second as occurred to the nomines, all known facts respecting said invention(a) or improvement(a), said application and said Letters Patent, to the nomines, all known facts respecting said invention(a) or improvement(a), and application and said Letters Patent, to the nomines, all known facts respecting said invention(a) or improvement(a), in any and all countries provided the segment which may be incurred by marks all identification and deviations, to make all invention(a) or improvement(a) in any and all countries provided the segment which may be incurred by incurred by incurred the paper and in	Porous Silica Costed inkiet Recording Mater			
Pay, divisionals, and renewals of and substitutes for said application for said Latters Patent, of the United States and of countries foreign thereto which may be granted thereon or therefore; and any releases, or rescaminations, or extensions of said Lutters Patent. I/we additionally authorize HPDC to till applications in mylour name for Latters Patent in any country, to be held and enjoyed by HPDC, its successors, seeigns, nominess or legal representatives, to the full end of the term or 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 make had this exeignment, and transfer not been made; AND lives hareby covernment that lives have full right to convey the entire interest herein assigned, and that I/we have been held and enjoyed by make had this exeignment, and transfer not been made; AND lives hareby covernment that lives have full right to convey the entire interest herein assigned, and that I/we have full right to convey the entire interest herein assigned, and that I/we have full right to convey the entire interest herein assigned, and that I/we have full right to convey the entire interest herein assigned, and that I/we have full right to convey the entire interest herein assigned, and that I/we have full received and self-tile received and				
ineld and enjoyed by HPDC, its successors, seeigns, nominees or legal representatives, to the full end of the larm or terms for which said Latters Patent respectively may be granted, released or extended, se fully and entirely as the same would have been held and enjoyed by make had this seeignment, and transfer not been made; AND live hereby covenent that live have full right to convey the entire interest herein assigned, and that if we have not associated and will not essentis any agreement in conflict herewith, and lives further covenent and agree that tive will, such time a request is made, and without undus delay, essentis and deliver all such papers as may be recessary or destrable to perfect the title to said invention(s) or improvement(s), said application and said Latters Patent, to HPDC, its successors, nominees or legal representatives, and live agree to communicate to HPDC, or to its nominees, all known facts respecting said invention(s) or improvement(s), said application and said Latters Patent, to testify in any legal proceedings, to sign all lawful papers, to essentie all disclaimers and divisionals, continuations, C-I-Pis, release and foreign applications, to make all rightful cale and declarations, and generally to do everything possible to slid HPDC, its successors, seeigns, nominees 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 sesistance are paid by HPDC; AND I we have by surfortze 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 assignment by the United States Patent and Trademark Office. If the United States Patent and Trademark Office. WINTERES WHEREPOF, tives increases set mylour head(s) and seet	P's), divisionals, and renewals of and substitute Patent of the United States and of countries to releases, or rescarringtions, or extensions of as	s for said application f reign thereto which m id Letters Palent.	or said Letters Patent, say be granted thereor	and any and all Letters or therefore; and any
we have not executed and will not execute any agreement in conflict herewith, and live further coverent and agree the the will, sech time a request is made, and without undus delay, essecute and deliver all such papers as mity be recessary or desirable to perfect the title to said invention(a) or improvement(a), said application and said Latters Patent, to HPDC, its successors, sesigns, nominees or legal representatives, and live agree to communicate to HPDC, or to lits nominees, all known facts respecting said invention(a) or improvement(a), said application and said Latters Patent, to teetify in any legal proceedings, to eign all leavily 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, sesigns, nominees and legal representatives to obtain and enforce, for its or their own benefit, proper patent protection for said invention(a) or improvement(a) in any and all countries provided the expenses which may be incurred by me/us in lending such cooperation and sesistance are paid by HPDC. AND live haveby suthorize 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 patients on applications as aforesaid, to issue to HPDC, as sesignee of the entire right, life and interest, any and all Letters. Patent for said invention(a) or improvement(a), including any and all Latters. Patent of the United States which may be issued and granted on or as a result of the application atoreseld, in accordance with the terms of this assignment. I/we further suthorize and direct the stitomays of record to insert the serial number and filing date of said application now identified by the attorney doctor 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. With	held and enjoyed by HPDC, its successors, see terms for which said Letters Patent respectively same would have been held and enjoyed by me AND I/we hereby covenent that I/we he	igns, nominees or legs may be granted, rele tus had this sesignmen two full right to convey	il representatives, to the eusel or extended, as i nt, and transfer not bee the entire interest here	e full end of the term or lully and entirely as the n made; in assigned, and that I/
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 lewful papers, to searcite all disclaimmen and divisionals, continuations, C-I-P's, release and deplacements, seeigns, nominees 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 sessistance 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, little 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 doctest 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. WITHERS WHEREOF, I/we hereunte est mylour hand(s) and seat(s):	we have not executed and will not execute any that I/we will, each time a request is made, and necessary or desirable to perfect the title to st	agreement in conflict (without undue delay, o id invention(s) or imp	herewith, and I/we furth osscute and deliver all rovement(s), said appli	er covenant and agree auch papers as may be cation and said Letters
do everything possible to aid HPDC, its successors, seeigns, nominess 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 sessions are paid by HPDC; AND lives hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any country or obuntries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue to HPDC, as assigned of the entitle and interest, 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 doctet 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. I/WETHESS WHERSOF, the increase set myleur hand(s) and seat(s):	HPDC, or to its nominee, all known facts responseding	cting said invention(s) s. to sign all lawful per) or improvement(s), si sers, to execute all disc	sid application and said laimers and divisionals,
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 aforeseld, to issue to HPDC, as assignee of the entire right, little 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 allowed, in accordance with the terms of this assignment. If we further authorize and direct the attorneys of record to insert the serial number and filling date of said application now identified by the attorney doctet 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 WITHERS WHEREOF, the increase set mylour hand(s) and seat(s):	do everything possible to aid HPDC, its successforce, for its or their own benefit, proper pair countries provided the expenses which may be	secors, vesigne, nomi ant protection for said	nees and legal repres invention(s) or improv	entatives to obtain and ement(s) in any and all
explications as aforesaid, to issue to HPDC, as assignee of the entire right, little and interest, 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 suthorize and direct the attermays of record to insert the serial number and filing date of said application now identified by the atterney docted 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. III WITHESE WHEREOF, I/we hereunte set my/our hand(e) and seal(e):	AND live hereby suthorize and reque	ot the Commissioner o	Patents and Tradema States whose duty it	rice of the United States
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 doctet 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. III III III III III III III	applications as aforessid, to issue to HPDC, a Patent for said invention(s) or improvement(s),	is assignee of the ent including any and all	ire right, little and inter Letters Palent of the U	set, any and all Letters nited States which may
been made known to them by the United States Patent and Trademark Office. IN WITHESE WHEREOF, I've hereunte est mylour hand(e) and easi(s): 11-11-05	I/we further authorize and direct the a	Morneys of record to i	neert the serial numbe	r and filing date of said
WITHERE WHEREOF, thus horsents out mylour head(o) and scale):				ss the same shall have
Inventor's Elifebure (Base) Tuber Si Inventor's Typed Name State of Carlifornian County of U.S.H Date Application Signed 11-11-05 Date Application Signed County of U.S.H Date Application Signed	M WITHERS WHEREOF, I've hereunte s	at muriour handle) and a	eelist:	
Yubai 8i II - II - 05 Inventor's Typed Name State of Confusion Signed County of U.S.H The Application Signed County of U.S.H The Application Signed The Application Signed	Muhai Bi			•
State of Conference) County of U.S.H)	Inventor's Signature (See)		Date Assignment Signs	d
State of Conference) County of U.S.H)			11-11-05	<u> </u>
County of U.S.A)	Inventor's Typed Name		Date Application Signer	
County of U.S.A)	state of Collifornia)			
Before me this day of personally appeared Yubei Bi who is personally	County of $U, 3, H$	∞ ∴ 30-0 - 8-	8-1315	
	Before me this day of personally	appeared	Yubei Bi	who is personally

Page 1 of 2

PATENT

REEL: 017291 FRAME: 0876

PATENT APPLICATION

ATTORNEY DOCKET NO.

200502129-1

ASSIGNMENT OF PATENT APPLICATION (cont.)

19 1 July	e hereunte set myfour hand(s	and seeks):
Golean 12mg		11/10/05
Inventor's Signature (Seel)		Day Assignment Collins
Sandeep Bangsru		11/10/05
Inventor's Typed Name		Date Application Signed
State of)	
County of) =5. :	
Before me this day of	, personally appeared	Sendeep Bengaru who is personally
	of estimatory evidence to be t	the person who acknowledged the foregoing instrument of
seeignment to be his/her free act and di	eed.	
		National Police My Commission Emiror
		ay Constant Const
Fredrick Markey		Date Assignment Signed
Inventor's Signature (Seel)	<u> </u>	
Fredrick Mekeu		U U U 5
Inventor's Typed Name		Date Application Signed
••		
State of)	
) es.:	
County of)	
Before me this day of	, personally appeared	Fredrick Mekeu who is personally
	of satisfactory evidence to be	the person who acknowledged the foregoing instrument of
		My Committee Deplace
Inventor's Signature (Seel)		Date Assignment Signed
Inventor's Typed Name		Date Application Signed
State of)	
) 25. :	
County of)	
Before me this day of	, personally appeared	who is personally
known or proved to me on the basis assignment to be his/her free act and d	of satisfactory evidence to be lead.	the person who admowledged the foregoing instrument of
		Triang Prime
	Page 2 of 2	My Commission Expires:
Rev 1000(Applement)	regs 2 01 4	•

PATENT REEL: 017291 FRAME: 0877

Rev 10/06/Assignment()