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Cullen E Bash			11445 Compaq Center Drive West Houston, TX 77070		
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HEWLETT-PACKARD COMPANY Intellectual Property Administrator 3404 E Harmony Road Mail Stop 35 Fort Collins, Colorado 80528

PATENT APPLICATION

ATTORNEY DOCKET NO. _

201001399-1

ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned (each) have agreed and hereby agree to assign to HEWLETT-PACKARD DEVELOPMENT COMPANY, LP, a Texas Limited Partnership having its principal place of business in Houston,

Texas, (hereinafter HPDC), in furtherance of my/our obligation subsidiaries and affiliates, and do hereby assign and transfer to HPC title and interest, including the right of priority, in, to and under an apentitled. CONTROLLING FLUID FLOW IN A DATA CENTER	DC, its successors and assigns, the entire right,
Filing Date: Applica	tion No.:
and the invention(s) and improvement(s) set forth therein, and any P's), divisionals, and renewals of and substitutes for said application Patent of the United States and of countries foreign thereto which reissues, or reexaminations, or extensions of said Letters Patent. I/we additionally authorize HPDC to file applications in my/or held and enjoyed by HPDC, its successors, assigns, nominees or letterms for which said Letters Patent respectively may be granted, resame would have been held and enjoyed by me/us had this assignm AND I/we hereby covenant that I/we have full right to convert 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 impatent, to HPDC, its successors, assigns, nominees or legal representations, to the total successors, assigns, nominees or legal representations, to testify in any legal proceedings, to sign all lawful prontinuations, C-I-P's, reissue and foreign applications, to make all do everything possible to aid HPDC, its successors, assigns, nonenforce, for its or their own benefit, proper patent protection for said	and all continuations, continuations-in-part (C-la for said Letters Patent, and any and all Letters rnay be granted thereon or therefore, and any our name for Letters Patent in any country, to be gal representatives, to the full end of the term or eissued or extended, as fully and entirely as the ent, and transfer not been made, by the entire interest herein assigned, and that I/let herewith, and I/we further covenant and agree in provement(s), said application and said Letters esentatives, and I/we agree to communicate to (s) or improvement(s), said application and said apers, to execute all disclaimers and divisionals, rightful oaths and declarations, and generally to ninees and legal representatives to obtain and id invention(s) or improvement(s) in any and all
countries provided the expenses which may be incurred by me/us paid by HPDC, AND I/we hereby authorize and request the Commissioner and any official of any country or countries foreign to the United applications as aforesaid, to issue to HPDC, as assignee of the erespective 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 I/we further authorize and direct the attorneys of record to application now identified by the attorney docket number and title is been made known to them by the United States Patent and Tradema	of Patents and Trademarks of the United States of States whose duty it is to issue patents on nure right, title and interest, any and all Letters. Letters Patent of the United States which may in accordance with the terms of this assignment of insert the serial number and filing date of said set forth above as soon as the same shall have
Inventor's Signature	Date Assignment Signed
Amip J Shah Inventor's Typed Name	Date Application Signed
Inventor's Signature Cullen E Bash	Date Assignment Signed (> (1) ((6) Date Application Signed
Inventor's Typed Name	Date Application digited

Page 1 of 2

HEWLETT-PACKARD COMPANY Intellectual Property Administrator 3404 E. Harmony Road Mail Stop 35 Fort Collins, Colorado 80528

** PATENT APPLICATION

ATTORNEY DOCKET NO. 201001399-1

ASSIGNMENT OF PATENT APPLICATION (cont.)		
	Date Assignment Signed	
Inventor's Signature	Date Assignment Signed	
Zhikui Wang	10/28/2010	
Inventor's Typed Name	Date Application Signed	
Inventor's Signature	Date Assignment Signed	
Inventor's Typed Name	Date Application Signed	
Inventor's Signature	Date Assignment Signed	
Inventor's Typed Name	Date Application Signed	
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