ATTORNEY DOCKET NO.	201001445-1

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PATENTS ONLY	
Name of conveying party(ies):	Name and address of receiving party(les):
Stephen Gold	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. 11445 Compaq Center Drive West Houston, TX 77070
Jeffrey DiCorpo	
Additional paragraph of convenience materials which at Disc. 1990.	
Additional name(s) of conveying party(les) attached? Yes XN 3. Nature of Conveyance:	d Additional name(s) and address(es) attached? ☐Yes ⊠No
■ Assignment	of Name Security Agreement Joint
Other	
Execution Date(s):22 Sept 2010	
4. Application number(s) or patent number(s):	
If this document is being filed together with a new application, execution date of the application is:	
A. Patent Application No.(s)	
Application No.: 12/889,727 Date Filed: 24 Sept 2010	
Confirmation No.: 6871 B. Patent No.(s);	
Additional numbers attached? NO	
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:1
7. Total Fee (37 CFR 3.41): \$40.00	
intellectual Property Administration	Enclosed
HEWLETT-PACKARD COMPANY 3404 E. Harmony Road	X_Authorization to be charged to deposit account.
Mail Stop 35 Fort Colline, Colorado 80528	8. Deposit Account Number: <u>08-2025</u>
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.	
Mark D. Trenner (Mah L) June September 24, 2010	
Name of Person Signing Sign	nature Date
Total number of pages including coversheet, attachments, and documents:3	
Documents to be recorded (Including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450	
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Rev 05/09 (RecdAsgn)

PATENT REEL: 025049 FRAME: 0196 HEMLETT-PACKARD COMPANY Intellactual Property Administrator 3404 E. Hermony Road Mell Stop 35 Fort Collets, Colorado 80528

PATENT APPLICATION

ATTORNEY DOCKET NO. 201001445-1

ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned (each) have agreed and hisraby agree to assign to HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., a Texas Limited Pertnership having its principal place of business in Houston, Texas, (hereinafter HPDC), in furtherence of my/our obligations to the Hewlett-Packard Company and its subsidiarities and affiliates, and do hereby assign and transfer to HPDC, he successors and assigns, the shifter debt, title and interest, including the right of priority, in, to and under an application for Letters Patent of the United States entitled:

LOAD BALANCING DATA ACCESS IN VIRTUALIZED STORAGE NODES September 24, 2010 12/889.727 Filling Date: Application No.: and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part (C-)-P's), divisionals, and renewals of end substitutes for said application for said Letters Patent, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefore; and any relatives, or recomminations, or extensions of said Letters Patent. I'we additionally subjects HPDC to file applications in my/our name for Letters Patent in any country, to be held and enjoyed by HPDO, its successors, sesigns, nominees or legal representatives, to the full and of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by majus had this assignment, and transfer not been made: AND I've hereby coverant that I've 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 live further covenant and agree that I we will, each time a request is made, and without undue delay, execute and deliver at such papers as may be necessary or desirable to perfect the title to said invention(s) or improvement(s), said application and said betters Patent, to HPDC, its successors, assigns, nominees or legal representatives, and live agree to communicate to HPDC, or to its nomines, all known facts respecting said invention(s) or improvement(s), said application and said Letters Patent, to tastify 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 paths and decigrations, and generally to do everything possible to aid HPDC, its successors, assigns, nominees and legal representatives to obtain and embroe, for his or their own benefit, proper patent protection for said invention(s) or improvement(s) in any and all countries provided the expanses which may be incurred by me/us in landing such cooperation and assistance are paid by HPDC; AND live hereby authorize and request the Commissioner of Patents and Trademarks of the United States end any official of any country or countries foreign to the United States whose duty it is to issue patents on applications as aforestic, to lease to HPDC, as assigned of the entire right, title and interest, any and all Letters Patent for said invention(s) or improvement(s), including any and all Legets Patent of the United States which may be issued and granted on or as a result of the application aforesald, in accordance with the terms of this assignment. IAMS further suffronze and direct the attorneys of record to insert the serial number and filing date of seid 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 Trademerk Office. Stephen Gold Same inventor's Typed Name Date Application Signed Jeffrey DiCorps Same

Placy 1080B (Assignment)

Inventor's Typed Name

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Date Application Signed

PATENT REEL: 025049 FRAME: 0197

HEWLETT-PACKARD COMPANY intellectual Property Administrator 3404 E. Harmony Road PATENT APPLICATION Mail Stop 35 201001445-1 ATTORNEY DOCKET NO. _ Fort Collins, Golorado 80828 ASSIGNMENT OF PATENT APPLICATION (cont.) SEPTEMBER ROLD Simon Pelly inventor's Typed Name Date Application Signed Date Assignment Signed inventor's Signature Inventor's Typed Name Date Application Signed Inventor's Signature Date Assignment Signed Inventor's Typed Name. Date Application Signed Date Assignment Signed Inventor's Signature inventor's Typed Name Date Application Signed inventor's Signature Date Assignment Signed Inventor's Typed Name Date Application Signed Inventor's Signature Dale Assignment Signed Inventor's Typed Name Date Application Signed

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