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1. Name of conveying p Michael B. Jacobson Douglas L. Voigt Ronald D. Rodriguez Brian Patterson Randy Matthews	arty(ies):		1 HEWLE 20555 S	03406775 tt-packard deve	s):	OMPANY, L.F
Additional name(s) of conv		ed? 🗌 Yes 🗵 N	o Additional na	ame(s) and address(es)	attached?	Yes 🗵No
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	Merger		of Name	Security Ag	reement	🗍 Joint
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Execution Date(s):04/20 4. Application number(s) If this document is being	or patent number(s		tion, execution	J/7966	·····	
A. Patent Application Application No.:	No.(s)	Date Filed	<i>.</i>			
Confirmation No.:		B. Patent				
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5. Name and address of concerning document		espondence		e (37 CFR 3.41):		
Records Manager Intellectual Property			1	closed		
HEWLETT-PACKARI	COMPANY		_X_Aut	thorization to be cha	rged to deposi	t account.
Fort Collins, Colorad			8. Deposit	Account Number: 0	8-2025	1796
9. Statement and signate To the best of my kno copy of the original do Philip S. Ly	wledge and belief, ti cument. ren	he foregoing info $\sum_{i=1}^{n}$	ormation is true	e and correct and an	y attached co, 04/27/07	00000074 082825 1
Name of Person	Signing	Sigr	nature	ts, and documents:	Date	
Documents Mail Stop Assignme	to be recorded (incluint Recordation Service)	uding cover shee	et) should be faithe USPTO	axed to (571) 273-01	140, or mailed	

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Rev 10/06 (RecdAsgn)

PATENT APPLICATION

ATTORNEY DOCKET NO. 200602950-1

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, (hereinaftar HPDC), in furtherance of my/our obligations to the Hewlett-Packard Company and its subsidiaries 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.

Managing Resources in Cluster Storage Systems

Filing Date:

Application No.:

and the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part (C-I-P's), divisionals, and renewals of and 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 reissues, or reexaminations, or extensions of said Letters Patent.

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AND I/we hereby covenant that I/we 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 I/we further covenant and agree that I/we will, each time a request is made, and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said invention(s) or improvement(s), said application and said Letters Patent, to HPDC, its successors, assigns, nominees or legal representatives, and I/we agree to communicate to 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 execute all disclaimers and divisionals, continuations, C-I-P's, reissue and foreign applications, to make all rightful oaths and declarations, and generally to do everything possible to ald HPDC, its successors, assigns, 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 assistance are paid by HPDC;

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IN WITNESS WHEREOF five hornunto sol my/our hand(s) and seat(s): <u>Miclaul Bail</u> <u>Hacubor</u> Inventor's Signature (Seat)

Michael B. Jacobson Inventor's Typed Name

State of)) ss : County of) 4-/20/2007 Date Assignment Signed

Alluliu Date Application Stand

Before me this day of ______, personally appeared ______Michael B. Jacobson _______who is personally known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument of assignment to be his/her free act and deed.

Rev 10/06(Assignment)

Page 1 of

Notary Public My Conversion Gapres

> PATENT REEL: 019312 FRAME: 0807

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Inventor's Signature (Seal)		Date Assignment Signed	
Michael B. Jacobson			
Inventor's Typed Name		Date Application Signed	
State of)		
) \$5.:		
County of)		
Before me this day of	, personally appeared	Michael B. Jacobson	who is personally
known or proved to me on the b assignment to be his/her free act a		the person who acknowledged the	foregoing instrument of
		Notary Public	

Rev 10/06(Assignment)

Page 1 of

My Commission Expires:

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HEWLETT-PACKARD COMPANY Intellectual Property Administrator		PATENT APPLICATION
P.O. Box 27240) Fort Calins, Colorado 80527-2400		ATTORNEY DOCKET NO200602950-1
	GNMENT OF PATENT A	PPLICATION (cont.)
IN WITNESS WHEREOF, I'W	e hereunto set my/cur hand(s)	
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Inventor's Signature (Seal)		
Douglas L. Volg. Inventor's Typed Name		Dete Application Signed
State of)	
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Before me this day of	, personally appeared	Douglas L. Voigt who is pursonally
	of satisfactory evidence to be D	he person who acknowledged the foregoing instrument of
		Notery Public My Commission Expires:
inventor's Signature (Seel)		Date Assignment Signed
Ronald D. Rodifguez Inventor's Typed Name		Date Application Signed
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Before me thisday of		Ronald D. Rodriguez who is personally
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Brian Patterson		
Inventor's Typic Name		Date Application Signed
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Before me thisday of known or project to me on the basic of easignment to be his/her free act and de	, personally appeared f estisfactory evidence to be sh ed.	Brian Patterson who is personally a person who acknowledged the foregoing instrument of
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iN WITNESS WHEREOF, I/we hereunto set my/our hand(s) and seal(s):

Inventor's Signature (Seal)		Date Assignment Signed	
Michael B. Jacobson			
Inventor's Typed Name		Date Application Signed	
State of)		
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Before me this day of	, personally appeared	Michael B. Jacobson	who is personally
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Rev 10/06(Assignment)

Page 1 of

Notary Public My Commission Evpires:

HEWL	ETT-PACKARD COMPANY
	tual Property Administrator
	ox 272400
FOR C	ollins, Colorado 80527-2400

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PATENT APPLICATION

ASSIGNMENT OF PATENT APPLICATION (cont.)

IN WITNESS WHEREOF, I/we hereunito set my/our hand(s) and seal(s):

Inventor's Signature (Seal)		Date Assignment Signed	
Douglas L. Volgt			
Inventor's Typed Name		Date Application Signed	
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County of)		
Before me this day of	, personally appeared	Douglas L. Voigt	who is personally
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Inventor's Signature (Seal)		Date Assignment Signed	······································
Ronald D. Rodriguez		4-20-2	2007
Inventor's Typed Name		Date Application Signed	
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		Notary Public	
		My Commission Expires:	
Inventor's Signature (Seal)		Date Assignment Signed	
Brian Patterson			
Inventor's Typed Name		Date Application Signed	
State of)		
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Before me thisday of	, personally appeared	Brian Patterson	who is personally
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Rev 10/06(Assignment)	Page 2 of	My Commission Expires:	

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		Notary Public	

Rev 10/06(Assignment)

Page 1 of

Notary Public My Commission Expires:

HEWLETT-PACKARD C	OMPANY
Intellectual Property Adr	ninistrator
P.O. Box 272400	
Fort Collins, Colorado 8	1527-2400

PATENT APPLICATION

ASSIGNMENT OF PATENT APPLICATION (cont.)

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Inventor's Signature (Seal) Date Assignment Signed Douglas L. Volgt
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My Commission Expires
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Brian Patterson // 20/0/
State of)
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County of)
Before me this day of, personally appeared Brian Patterson Who is person
known or proved to me on the basis of satisfactory evidence to be the person who acknowledged the foregoing instrument
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Notary Public My Commission Expiros; Page 2 of
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Page 1 of

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Fort Collins; Coloredo 80527-2400		ATTORNEY DOCKET NO 200602950-1
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PATENT REEL: 019312 FRAME: 0815

RECORDED: 04/27/2007

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