PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Enrico Iori	09/01/2012
Alkiviadis Simitsis	08/31/2012
Themistoklis Palpanas	08/31/2012
William K Wilkinson	08/31/2012
Stavros Harizopoulos	09/02/2012

RECEIVING PARTY DATA

Name:	Hewlett-Packard Development Company, L.P.		
Street Address:	11445 Compaq Center Drive West		
City:	Houston		
State/Country:	TEXAS		
Postal Code:	77070		

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13605651

CORRESPONDENCE DATA

Fax Number: 9707784063 Phone: (541)715-8443

Email: pto.assignments@hp.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

via US Mail.

Correspondent Name: Hewlett-Packard Company
Address Line 1: 3404 E. Harmony Road MS 35
Address Line 2: Intellectual Property Administration
Address Line 4: Fort Collins, COLORADO 80528

NAME OF SUBMITTER:

Ann Jesus

Total Attachments: 5

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PATENT REEL: 028919 FRAME: 0034 340 00 1360

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PATENT REEL: 028919 FRAME: 0035 HEWLETT-PACKARD COMPANY

Rev 93/11 (Assignment)

PATENT APPLICATION

Intellectual Property Administrator	
3404 E. Harmony Road Mail Stop 35	RECORD ID: 82900652
Fort Cellins, Colorado 80528	RECORDID. Casadooa
Construction of the second sec	ASSIGNMENT OF PATENT APPLICATION
I/We, the undersign	ed (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, (hereinafter HPDC),	furtherance of my/our obligations to the Hewlett-Packard Company and its
subsidiaries and affiliates, and	o hereby assign and transfer to HPDC, its successors and assigns, the entire right,
	ght of priority, in, to and under an application for Letters Patent of the United States
entitled:	
Resource Sharing in Comput	r Clusters According to Objectives
Filing Date: September 6, 20	12 Application No.: 13/605,651
and the invention(s) and improv	ement(s) set forth therein, and any and all continuations, continuations-in-part (C-I-
P's), divisionals, and renewals	f and substitutes for said application for said Letters Patent, and any and all Letters
	of countries foreign thereto which may be granted thereon or therefore; and any
	extensions of said Letters Patent
	ize HPDC to file applications in my/our name for Letters Patent in any country, to be
	successors, assigns, nominees or legal representatives, to the full end of the term or
	ent respectively may be granted, reissued or extended, as fully and entirely as the
	enjoyed by ma/us had this assignment, and transfer not been made,
	nant that I/we have full right to convey the entire interest herein assigned, and that I/
we have not executed and will i	of execute any agreement in conflict herewith, and I/we further covenant and agree
that I/we will, each time a reque	st is made, and without undue delay, execute and deliver all such papers as may be
	I the title to said invention(s) or improvement(s), said application and said Letters
	, assigns, nominees or legal representatives, and I/we agree to communicate to
	wn facts respecting said invention(s) or improvement(s), said application and said
	egal proceedings, to sign all lawful papers, to execute all disclaimers and divisionals,
	nd foreign applications, to make all rightful paths and declarations, and generally to
	DC, its successors, assigns, nominees and legal representatives to obtain and
	fit, proper patent protection for said invention(s) or improvement(s) in any and all
	which may be incurred by me/us in lending such cooperation and assistance are
paid by HPDC;	in the second of
ANU I/we hereby auth	rize and request the Commissioner of Patents and Trademarks of the United States
	countries foreign to the United States whose duty it is to issue patents on
	ie to HPDC, as assignee of the entire right, title and interest, any and all Letters
ha immed and control on as as	provement(s), including any and all Leiters Patent of the United States which may
	a result of the application aforesaid, in accordance with the learns of this assignment.
	and direct the attorneys of record to insert the serial number and filing date of said. Record ID and title set forth above as soon as the same shall have been made.
	rises Patent and Trademark Office.
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The state of	
Emio Jon	09/01/2012
Inventor's Signature	Date Assignment Signed
Enrico Iori	09/01/2012
Inventor's Typed Name	Date Application Signed
inventor's Signature	Date Assignment Signed
ALVERTED CONTOR	
ALKIVIADIS SIMITSIS Inventor's Typed Name	Date Application Signed
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Page 1 of 2

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

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RECORD ID:	82900652
RECORD ID:	82900652

ASSIGNMENT OF PATENT APPLICATION

IWe, 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, (hereinafter 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: Resource Sharing in Computer Clusters According to Objectives 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. I/we additionally authorize HPDC to file applications in my/our name for Letters Patent in any country, to be held and enjoyed by HPDC, its successors, assigns, nominees or legal representatives, to the full end 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 me/us had this assignment, and transfer not been made: 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 lawful papers, to execute all disclaimers and divisionals, continuations, C-I-P's, reissue and foreign applications, to make all rightful paths and declarations, and generally to do everything possible to aid 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: 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, title 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 Record ID 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. Inventor's Signature Date Assignment Signed Inventor's Typed Name **Date Application Signed** Aug 31, 2012 Inventor's Signature Date Assignment Signed ALKIVIADIS SIMITSIS Aug 31, 2012 Inventor's Typed Name Date Application Signed

Rev 09/11 (Assignment)

Page 1 of 2

HEMALITT PACKARD COMPANY Intelectual Property Administrator 1464 E. Hammany Road Mail Stop 35 Fort College College 80528

PATENT APPLICATION

ASSIGNMENT OF PATENT APPLICATION (cont.)

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Inventor's Signature William & William Inventor's Typed Name	Date Assignment Signed Date Application Signed
inventor's Signature Stavros Harizopoulos inventor's Typed Name	Date Assignment Signed Date Application Signed
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Inventor's Signature Inventor's Typed Natus	Date Assignment Signed Date Application Signed
nventor's Signature	Date Assignment Signed Date Application Signed

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PATENT REEL: 028919 FRAME: 0038 MEWLETT-PACKARD COMPANY Intellectual Property Administrator 3404 E. Harmony Road Mail Stop 35 Fort Collins, Colorado 80528

Rev 09/11 (Assignment)

PATENT APPLICATION

Mail Stop 35 Fort Collins, Colorado 80528	RECORD ID: 82900652
***************************************	T OF PATENT APPLICATION (cont.)
Inventor's Signature	Date Assignment Signed
Themistokiis Palpanas	
oversor's Typed Name	Date Application Signed
Willia K. William	31 AUG 2012 Date Assignment Signed
inventor's Signature	
William K Wilkinson	3 Aug 2012
inventor's Typed Name	Date Application Signed
inventor's Signature	Date Assignment Signed
Stavres Harizopoulos	en la companya da la
Inventor's Typed Name	Date Application Signed
Inventor's Signature	Date Assignment Signed
nventor's Typed Name	Date Application Signed
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inventor's Typed Name	Date Application Signed
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riventor's Typed Name	Date Application Signed

Page 2 of 2

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

PATENT APPLICATION

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ASSIGNMENT OF PATENT APPLICATION (cont.)

Inventor's Signature	Date Assignment Signed
Themistoklis Palpanas	
Inventor's Typed Name	Date Application Signed
Inventor's Signature	Date Assignment Signed
William K Wilkinson	
Inventor's Typed Name	Date Application Signed
M/	09/02/2012
Inventor's Signature	Date Assignment Signed
Stavros Harizopoulos	09/02/2012
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
Inventor's Signature	Date Assignment Signed
nventor's Typed Name	Date Application Signed

Rev 09/11 (Assignment)

RECORDED: 09/07/2012

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