503299964 05/10/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3346582

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
LORENZO GONZALES	04/27/2012
ARKADIUSZ GIEDROJC	06/20/2012
GIUSEPPE CAPALDO	07/16/2012
GIOVANNI GUILIANI	06/22/2012
LORENZO BOSISIO	11/04/2012
PETER KILGOUR	04/30/2012
ROBERTO MARCHETTI	02/05/2012
ANDREW RICHARDSON	04/27/2012
DARIO BRUSAMOLINO	07/16/2012
LAURA FIGUEROA GARCIA	07/25/2012
RICCARDO NAPPI	04/27/2012

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:	14387985

CORRESPONDENCE DATA

Fax Number: (970)778-4063

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

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

 Phone:
 908 898-4235

 Email:
 ipa.mail@hp.com

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

PAIENI

503299964 REEL: 035602 FRAME: 0714

ATTORNEY DOCKET NUMBER:	84019774	
NAME OF SUBMITTER:	PEGGY OYAMA	
SIGNATURE:	/Peggy Oyama/	
DATE SIGNED:	05/10/2015	
Total Attachments: 11		
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PATENT REEL: 035602 FRAME: 0715

PATENT APPLICATION

RECORD ID:	82963350
RECORD ID.	UE300000

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, (hereinafter HPDC), in furtherance of my/our oblications and affiliates, and do hereby assign and transfer to title and interest, including the right of priority, in, to and under entitled:	o HPDC, its successors and assigns, the entire right,
DATA CENTER SERVICE ORIENTED NETWORKING	
Filing Date: April 27, 2012	anlication No. DCTUSA2/25224
and the invention(s) and improvement(s) set forth therein, and P's), divisionals, and renewals of and substitutes for said appli Patent of the United States and of countries foreign thereto or reissues, or reexaminations, or extensions of said Letters Pater I/we additionally authorize HPDC to file applications in held and enjoyed by HPDC, its successors, assigns, nominees terms for which said Letters Patent respectively may be grant same would have been held and enjoyed by me/us had this assame would have been held and enjoyed by me/us had this assame would have been held and enjoyed by me/us had this assame would have been held and enjoyed by me/us had this assame would have been held and enjoyed by me/us had this assame would have been held and enjoyed by me/us had this assame would have been held and enjoyed by me/us had this assame would have been held and enjoyed by me/us had this assame would have been held and enjoyed by me/us had this assame would have been held and enjoyed by me/us had this assame would have been held and enjoyed by me/us had this assame would have been held and enjoyed by me/us had this assame would have been held and enjoyed by me/us had this assame would have been held and enjoyed by me/us had this assame would have been held and enjoyed by me/us had this assame would have been held and enjoyed by me/us had this assame would have been held and enjoyed by me/us had this assame would have been held and enjoyed by me/us had this assame would have been held and enjoyed by me/us had Letters Patent to file applications in the foreign application in the file applica	cation for said Letters Patent, and any and all Letters which may be granted thereon or therefore; and any nt. In my/our name for Letters Patent in any country, to be or legal representatives, to the full end of the term or ed, reissued or extended, as fully and entirely as the signment, and transfer not been made; convey the entire interest herein assigned, and that I/conflict herewith, and I/we further covenant and agree delay, execute and deliver all such papers as may be or improvement(s), said application and said Letters representatives, and I/we agree to communicate to ention(s) or improvement(s), said application and said wful papers, to execute all disclaimers and divisionals, see all rightful oaths and declarations, and generally to s, nominees and legal representatives to obtain and for said invention(s) or improvement(s) in any and all
paid by HPDC; AND I/we hereby authorize and request the Commiss and any official of any country or countries foreign to the applications as aforesaid, to issue to HPDC, as assignee of Patent for said invention(s) or improvement(s), including any a be issued and granted on or as a result of the application afore I/we further authorize and direct the attorneys of recapplication now identified by the Record ID and title set forth known to them by the United States Patent and Trademark Office.	United States whose duty it is to issue patents on the entire right, title and interest, any and all Letters and all Letters Patent of the United States which may said, in accordance with the terms of this assignment. ord to insert the serial number and filing date of said above as soon as the same shall have been made
Inventor's Signature	Date Assignment Signed
Lorenzo Gonzales Inventor's Typed Name	Date Application Signed
Inventor's Signature	Date Assignment Signed
Arkadiusz Giedrojc	Data Application Discord
Inventor's Typed Name	Date Application Signed
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ASSIGNMENT OF PATENT APPLICATION

Whe, the undersigned (rach) have agreed and hereby agree to essign to HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P., a Yexer Limited Partnership having its principal place of business in Houston,

Taxes, (hersinniter HPDC), in furtherence of my/our obligations to the Heulest-Pickerd Company and its subsidiaries and affiliates, and de hereby assign and transfer to HPDC, its successors and essigns, the entire right, title and aderest, including the right of priority, in, to and under an application for Letters Patent of the United States entitled: DATA CENTER SERVICE ORIENTED METWORKING				
			and the invention(s) and improvement(s) set forth therein, and any a present of the furnishments of and substitutes for said application. Patent of the United States and of countries foreign thereto which interests, or rescarringtions, or entensions of said Latters Patent. Vive additionally authorize HPDC to file applications in myloched and emjoyed by HPDC, its successors, assigns, nominates or lagiterms for which said Latters. Patent respectively may be granted, one same would have been held and enjoyed by makes had the assignme. AND tive hereby coveners that tive have full right to convey we have not executed and will not execute any agreement in conflict that tive will, each time a request to made, and without undue obtay, necessary or derivable to perfect the little to said swentient(s) or implications, to HPDC, its successors, assigns, nominees or logal represent, to HPDC, its successors, assigns, nominees or logal representations. Cri. Pr. reissue and fravign applications, to make all right of everything possible to aid tiPDC, its successors, assigns, nomine network into or its or the own benefit, proper patent protection for said countries provided the expenses which may be incurred by make in paid by HPDC: AND lives haveby authorize and request the Commissioner or and any official of any country or countries foreign to the United applications as aforesaid, to issue to HPDC, as assigned of the entired application are afforesaid, to insure to HPDC, and assigned of the entired application new identified by the Record IT and little set forth above thrown to them by the United States Patent and Trademark Office.	for said I etters Patent, and any and all Letters nay be granted thereon or therefore; and any are name for Letters Patent in any country, to be at representatives, to the full and of the term or sound or extended, as fully and entirely as the rot, and bransier not been make; the entire interest becam assigned, and that V becewith, and travel became assigned, and that V becewith, and travel further coverant and agree swedth and deliver all decisions and said Letters contained, said application and said Letters contained, said application and said been, to execute all decisiones and denisionals, obtain as and decisiones, and generally to nees and legal representatives to obtain and invention(s) or improvement(s) in any and all clouding such cooperation and assistance are if Patents and Trademarks of the United States States whose duty it is to issue patents on the right, title and interest, any and all Letters Patent of the United States which may accordance with the terms of this assignment, insert the series comband and the trates of this assignment.
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Lorenze Gorszees				
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Page 1 of 3

PATENT REEL: 035602 FRAME: 0717

PATENT APPLICATION

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Inventor's Signature	Date Assignment Signed
Giuseppe Capaldo	
Inventor's Typed Name	Date Application Signed
Inventor's Signature	Date Assignment Signed
Giovanni Giuliani	
inventor's Typed Name	Date Application Signed
Inventor's Signature	Date Assignment Signed
Lorenzo Bosisio Inventor's Typed Name	Date Application Signed
Inventor's Signature	Date Assignment Signed
Peter Kilgour	
Inventor's Typed Name	Date Application Signed
Inventor's Signature	Date Assignment Signed
Roberto Marchetti	
Inventor's Typed Name	Date Application Signed
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Inventor's Signature	Date Assignment Signed
Andrew Richardson Inventor's Typed Name	Date Application Signed

PATENT APPLICATION

RECORD ID:	82963350

ASSIGNMENT OF PATENT APPLICATION (cont.)

nventor's Signature	Date Assignment Signed
Giuseppe Capaldo	
nventor's Typed Name	Date Application Signed
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Lorenzo Bosisio	
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Peter Kilgour	
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Roberto Marchetti	
nventor's Typed Name	Date Application Signed
nventor's Signature	Date Assignment Signed
Andrew Richardson	
nventor's Typed Name	Date Application Signed

HEWLETT-PACKARD COMPANY Intellectual Property Administrator

PATENT APPLICATION

3404 E. Harmony Road Mail Stop 35	RECORD ID:	82963350
Fort Collins, Colorado 80528		
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Inventor's Signature	Date Assignment S	igned
Giuseppe Capaldo		
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Giovanni Giuliani	D. (A. II. c) O.	·
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Lorenzo Bosisio Inventor's Typed Name	Date Application Si	gned
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Peter Kilgour Inventor's Typed Name	Date Application Si	gned
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Roberto Marchetti		
Inventor's Typed Name	Date Application Si	gned
Inventor's Signature	Date Assignment S	igned
Andrew Richardson Inventor's Typed Name	Date Application Si	gned

PATENT APPLICATION

RECORD ID:	82963350
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ASSIGNMENT OF PATENT APPLICATION (cont.)

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Giuseppe Capaldo	
nventor's Typed Name	Date Application Signed
nventor's Signature	Date Assignment Signed
Giovanni Giuliani	
inventor's Typed Name	Date Application Signed
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Lorenzo Bosisio	
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inventor's Signature	Date Assignment Signed
Peter Kilgour	30-04-12
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Roberto Marchetti Inventor's Typed Name	Date Application Signed
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nventor's Signature	Date Assignment Signed
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Andrew Richardson	Date Application Signed
nventor's Typed Name	Date / Apriloation Dignor

PATENT APPLICATION

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Fort Collins, Colorado 80528	
ASSIGNMENT (OF PATENT APPLICATION (cont.)
Inventor's Signature	Date Assignment Signed
Giuseppe Capaldo	Date Application Signed
Inventor's Typed Name	Date Application Signed
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Giovanni Giuliani	
Inventor's Typed Name	Date Application Signed
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Lorenzo Bosísio	
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Peter Kilgour	
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Roberto Marchetti Inventor's Typed Name	Date Application Signed
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Inventor's Signature	Date Assignment Signed
Andrew Richardson	
Inventor's Typed Name	Date Application Signed

PATENT APPLICATION

RECORD ID:	82963350

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Inventor's Signature	Date Assignment Signed
Gjuseppe Capaldo	
Inventor's Typed Name	Date Application Signed
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Giovanni Giuliani	
Inventor's Typed Name	Date Application Signed
Inventor's Signature	Date Assignment Signed
Lorenzo Bosisio	
Inventor's Typed Name	Date Application Signed
Inventor's Signature	Date Assignment Signed
Peter Kilgour	
Inventor's Typed Name	Date Application Signed
Inventor's Signature	Date Assignment Signed
Roberto Marchetti	
Inventor's Typed Name	Date Application Signed
Andrew Richardson	27th April 2012 Date Assignment Signed
HIERITAN & OBLIGOR	
Andrew Richardson	Data Application Circuit
Inventor's Typed Name	Date Application Signed

Rev 09/11 (Assignment)

HEWLETT-PACKARD COMPANY Intellectual Property Administrator 3404 E. Harmony Road Mail Stop 35

Rev 09/11 (Assignment)

PATENT APPLICATION

Mail Stop 35 Fort Collins, Colorado 80528	RECORD ID:	82963350
ASSIGNMENT OF PATENT APPLICATION (cont.)		
Rus Rusmd nventor's Signature	My 1	6/01/2012 ssignment Signed
Dario Brusamolino		
inventor's Typed Name	Date A	application Signed
Inventor's Signature	Date A	ssignment Signed
Laura Figueroa García Inventor's Typed Name	Date A	Application Signed
Inventor's Signature	Date A	ssignment Signed
Riccardo Nappi Inventor's Typed Name	Date A	Application Signed
Inventor's Signature	Date A	Assignment Signed
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Page 3 of 3

PATENT APPLICATION

RECORD ID:	82963350

ASSIGNMENT OF PATENT APPLICATION (cont.)

Inventor's Signature	Date Assignment Signed
Dario Brusamolino	
Inventor's Typed Name	Date Application Signed
Inventor's Signature	Date Assignment Signed
Laura Figueroa García	25-07-2012
Inventor's Typed Name	Date Application Signed
Inventor's Signature	Date Assignment Signed
Di conde Manuel	
Riccardo Nappi Inventor's Typed Name	Date Application Signed
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Rev 09/11 (Assignment)

PATENT APPLICATION

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ASSIGNMENT OF PATENT APPLICATION (cont.)

Inventor's Signature	Date Assignment Signed
Dario Brusamolino	
Inventor's Typed Name	Date Application Signed
Inventor's Signature	Date Assignment Signed
Laura Figueroa García	
Inventor's Typed Name	Date Application Signed
Inventor's Signature Riccardo Nappi Inventor's Typed Name	27/4/2012 Date Assignment Signed 27/4/2012 Date Application Signed
Inventor's Signature	Date Assignment Signed
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Inventor's Signature	Date Assignment Signed
Inventor's Typed Name	Date Application Signed

Page 3 of 3

PATENT
RECORDED: 05/10/2015 REEL: 035602 FRAME: 0726