PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3852006

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ROOPESH KUMAR TAMMA	10/31/2013
SIAMAK NAZARI	10/30/2013
AJITKUMAR A. NATARAJAN	10/29/2013

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:	15033189

CORRESPONDENCE DATA

Fax Number: (970)812-0441

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: hpe.ip.mail@hpe.com

Correspondent Name: HEWLETT PACKARD ENTERPRISE

Address Line 1: 3404 E. HARMONY ROAD, MAIL STOP 79

Address Line 2: ARTHUR ORTEGA

Address Line 4: FORT COLLINS, COLORADO 80528

ATTORNEY DOCKET NUMBER:	90176587
NAME OF SUBMITTER:	FRED G. PRUNER, JR.
SIGNATURE:	/Fred G. Pruner, Jr./
DATE SIGNED:	04/29/2016

Total Attachments: 3

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PATENT 503805359 REEL: 038417 FRAME: 0427

HEWLETT-PACKARD COMPANY Intellectual Property Administrator

Rev 1/2013 (Assignment)

PATENT APPLICATION

3404 E. Harmony Road Mail Stop 35		RECORD ID:	83629 009
Fort Collins, Colorado 80528	ASSIGNMENT OF	PATENT APPLICATION	
receipt of which is hereby a DEVELOPMENT COMPANY, Texas, (hereinafter HPDC), and	I (each) have agreed an cknowledged, and in f L.P., a Texas Limited P d to its subsidiaries and	d hereby agree, that for good urtherance of my/our obligi artnership having its principa affiliates, to assign and trans	and valuable consideration, the ations to HEWLETT-PACKARD at place of business in Houston, ifer to HPDC, its successors and under an application for Patent
TARGET PORT PROCESSING	OF A DATA TRANSFI	ER	
Filing Date:		Application No.:	s in street and the term that it was to discuss the con-
divisionals, and renewals of an	d substitutes for said ap	plication for said Patent, and	ons, continuations-in-part (C-I-P's), any and all other Patent of any xaminations, or extensions of said
by HPDC, its successors, assig	ns, nominees or legal rep nted, reissued or extende	presentatives, to the full end o d, as fully and entirely as the	ny country, to be held and enjoyed if the term or terms for which said same would have been held and
executed and will not execute at time a request is made, and with perfect the title to said invention nominees or legal representative said invention(s) or improvement papers, to execute all disclaime rightful oaths and declarations, and legal representatives to obta	ny agreement in conflict he continued to the continued delay, execute (s) or improvement(s), sailes, and I/we agree to continued to the countries provided the	erewith, and i/we further cover and deliver all such papers as id application and said Patent, imunicate to HPDC, or to its no said Patent, to testify in any li- nuations, C-I-P's, reissue and ything possible to aid HPDC, their own benefit, proper paten	in assigned, and that I/we have not nant and agree that I/we will, each is may be necessary or desirable to to HPDC, its successors, assigns, ominee, all known facts respecting agal proceedings, to sign all lawful foreign applications, to make all its successors, assigns, nominees it protection for said invention(s) or curred by me/us in lending such
applications as aforesaid, to iss	ue to HPDC, as assigned which may be issued a	of the entire right, title and in	nose duty it is to issue patents on interest, any and all Patent for said it of the application aforesaid, in
			e and application number of said as the same shall have been made
IN WITNESS WHEREOF, I/	we hereunto set my/ou	r hand(s) and seal(s):	
T ROBOLA Inventor's Signature	10 var		131/2013
anto invitore en 1909. Meno entre (19			
Roopesh Kumar Tamma Inventor's Typed Name		igodau daglesią. igo 🕒 🕆	
Inventor's Signature		Date	
Siamak Nazari Inventor's Typed Name	der er i de 	i galangga dalapana k	
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Page 1 of 2

REEL: 038417 FRAME: 0428

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

	ICATION

RECORD ID:	83629009		
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ASSIGNMENT OF PATENT APPLICATION

I/We, the undersigned (each) have agreed and hereby agree, that for good and valuable consideration, the receipt of which is hereby acknowledged, and in furtherance of my/our obligations to HEWLETT-PACKARD

Texas, (hereinafter HPDC), and to its subsidiaries and aff	filiates, to assign and transfer to HPDC, its successors and right of priority, in, to and under an application for Patent
TARGET PORT PROCESSING OF A DATA TRANSFER	
Filing Date:	Application No.:
divisionals, and renewals of and substitutes for said applic	and any and all continuations, continuations-in-part (C-I-P's), cation for said Patent, and any and all other Patent of any e; and any reissues, or reexaminations, or extensions of said
by HPDC, its successors, assigns, nominees or legal repres	ny/our name for Patent in any country, to be held and enjoyed sentatives, to the full end of the term or terms for which said as fully and entirely as the same would have been held and made;
executed and will not execute any agreement in conflict here time a request is made, and without undue delay, execute an perfect the title to said invention(s) or improvement(s), said a nominees or legal representatives, and I/we agree to commusaid invention(s) or improvement(s), said application and said papers, to execute all disclaimers and divisionals, continuarightful oaths and declarations, and generally to do everythis and legal representatives to obtain and enforce, for its or the	nvey the entire interest herein assigned, and that I/we have not swith, and I/we further covenant and agree that I/we will, each ad deliver all such papers as may be necessary or desirable to application and said Patent, to HPDC, its successors, assigns, unicate to HPDC, or to its nominee, all known facts respecting id Patent, to testify in any legal proceedings, to sign all lawful ations, C-I-P's, reissue and foreign applications, to make all ing possible to aid HPDC, its successors, assigns, nominees in own benefit, proper patent protection for said invention(s) or openses which may be incurred by me/us in lending such
applications as aforesaid, to issue to HPDC, as assignee of	any country or countries whose duty it is to issue patents on f the entire right, title and interest, any and all Patent for said granted on or as a result of the application aforesaid, in
	ord to insert the filing date and application number of said le set forth above, as soon as the same shall have been made
IN WITNESS WHEREOF, I/we hereunto set my/our h	and(s) and seal(s):
Inventor's Signature	Date
Roopesh Kumar Tamma Inventor's Typed Name	ni in ang mang '
Simle MW	10/30/2013
Inventor's Signature	Date
Siamak Nazari Inventor's Typed Name	the first of the second of the

Page 1 of 2 Rev 1/2013 (Assignment)

HEWLETT-PACKARD COMPANY Intellectual Property Administrator

PATENT APPLICATION

3404 E. Harmony Road Mail Stop 35 Fort Collins, Colorado 80528	RECORD ID: 83629009
a) git kumar	OCT/29/2013
Inventor's Signature	Date
Ajitkumar A Natarajan Inventor's Typed Name	
Inventor's Signature	Date
Inventor's Typed Name	maken value and en read tituda ken soo de an en
Inventor's Signature	Date
Inventor's Typed Name	
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Rev 1/2013 (Assignment)

RECORDED: 04/29/2016