

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3164880

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SECURITY INTEREST
CONVEYING PARTY DATA	
Name	Execution Date
PULSE SECURE, LLC	10/01/2014
SMOBILE SYSTEMS, INC.	10/01/2014
RECEIVING PARTY DATA	
Name:	JUNIPER NETWORKS, INC.
Street Address:	1194 NORTH MATHILDA AVENUE
City:	SUNNVALE
State/Country:	CALIFORNIA
Postal Code:	94089-1206
PROPERTY NUMBERS Total: 53	
Property Type	Number
Application Number:	12572656
Application Number:	10456354
Application Number:	60387146
Application Number:	10060792
Application Number:	12821928
Application Number:	13692443
Application Number:	10410619
Application Number:	12582151
Application Number:	13098133
Application Number:	10917338
Application Number:	12604902
Application Number:	11061641
Application Number:	12507462
Application Number:	11281905
Application Number:	11166779
Application Number:	11166778
Application Number:	12964436
Application Number:	11383843
Application Number:	13460618
Application Number:	11291836

PATENT

Property Type	Number
Application Number:	11421294
Application Number:	11530189
Application Number:	13740396
Application Number:	11537036
Application Number:	11422109
Application Number:	12541775
Application Number:	11465263
Application Number:	13728173
Application Number:	11457938
Application Number:	11678432
Application Number:	11742370
Application Number:	13601546
Application Number:	11857084
Application Number:	11864598
Application Number:	11970701
Application Number:	12042577
Application Number:	12042558
Application Number:	12980598
Application Number:	12111306
Application Number:	13347292
Application Number:	12350649
Application Number:	12345694
Application Number:	12334611
Application Number:	13174079
Application Number:	12358834
Application Number:	12633353
Application Number:	12637930
Application Number:	13485482
Application Number:	12769023
Application Number:	13746598
Application Number:	12795426
Application Number:	12960243
Application Number:	12969941

CORRESPONDENCE DATA

Fax Number: (571)432-0808

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: 571-432-0800

Email: jcummings@harrityllp.com

PATENT

REEL: 034713 FRAME: 0951

Correspondent Name: HARRITY & HARRITY, LLP
Address Line 1: 11350 RANDOM HILLS ROAD
Address Line 2: SUITE 600
Address Line 4: FAIRFAX, VIRGINIA 22030

ATTORNEY DOCKET NUMBER: 0023-9999

NAME OF SUBMITTER: PAUL A. HARRITY

SIGNATURE: /Paul A. Harrity, Reg. No. 39,574/

DATE SIGNED: 12/30/2014

Total Attachments: 12

source=Project Socordia - Patent Security Agreement EXECUTED_(palib2_7087164_(3)#page1.tif
source=Project Socordia - Patent Security Agreement EXECUTED_(palib2_7087164_(3)#page2.tif
source=Project Socordia - Patent Security Agreement EXECUTED_(palib2_7087164_(3)#page3.tif
source=Project Socordia - Patent Security Agreement EXECUTED_(palib2_7087164_(3)#page4.tif
source=Project Socordia - Patent Security Agreement EXECUTED_(palib2_7087164_(3)#page5.tif
source=Project Socordia - Patent Security Agreement EXECUTED_(palib2_7087164_(3)#page6.tif
source=Project Socordia - Patent Security Agreement EXECUTED_(palib2_7087164_(3)#page7.tif
source=Project Socordia - Patent Security Agreement EXECUTED_(palib2_7087164_(3)#page8.tif
source=Project Socordia - Patent Security Agreement EXECUTED_(palib2_7087164_(3)#page9.tif
source=Project Socordia - Patent Security Agreement EXECUTED_(palib2_7087164_(3)#page10.tif
source=Project Socordia - Patent Security Agreement EXECUTED_(palib2_7087164_(3)#page11.tif
source=Project Socordia - Patent Security Agreement EXECUTED_(palib2_7087164_(3)#page12.tif

GRANT OF SECURITY INTEREST
PATENTS

FOR GOOD AND VALUABLE CONSIDERATION, receipt and sufficiency of which are hereby acknowledged, Pulse Secure, LLC, a Delaware limited liability company, and SMobile Systems, Inc., a Delaware corporation (collectively, the “Grantors”), with principal offices at 2700 Zanker Road, San Jose, CA 95134, on this 1st day of October, 2014, hereby pledges and grants to JUNIPER NETWORKS, INC., a Delaware corporation (“Grantee”), a security interest in (i) all letters patent of the United States, any other country or any political subdivision thereof, all reissues and extensions thereof, (ii) all applications for letters patent of the United States, any other country or any political subdivision thereof, and all reissues, divisionals, continuations and continuations in part, renewal applications and all renewals thereof, (iii) all rights to obtain any reissues, reexaminations or extensions of the foregoing and (iv) the right to sue for past, present and future infringements thereof (the “Patents”), including any such United States Patents as set forth on Schedule A attached hereto, and all reissues, continuations, continuations-in-part and extensions thereof, and all reissues, continuations, continuations-in-part and extensions thereof, in each case of the foregoing, together with all Proceeds (as such term is defined in the Guarantee and Collateral Agreement referred to below) of the Patents, and all causes of action arising prior to or after the date hereof for infringement of any of the Patents.

THIS GRANT OF SECURITY INTEREST (this “Grant”), is made to secure the satisfactory performance and payment of all the “Obligations” of the Grantors, as such term is defined in the Guarantee and Collateral Agreement made by the Grantors and the other grantors from time to time party thereto in favor of the Grantee, dated as of October 1, 2014 (as the same may be amended, restated, modified and/or supplemented from time to time, the “Guarantee and Collateral Agreement”).

This Grant has been granted in conjunction with the security interest granted to the Grantee under the Guarantee and Collateral Agreement. The rights and remedies of the Grantee with respect to the security interest granted herein are more fully set forth in the Guarantee and Collateral Agreement, all terms and provisions of which are incorporated herein by reference. In the event that any provisions of this Grant are deemed to conflict with the Guarantee and Collateral Agreement, the provisions of the Guarantee and Collateral Agreement shall govern. This Grant may be executed in counterparts and by the different parties hereto on separate counterparts, but all of which shall together constitute one and the same instrument. Delivery of an executed counterpart of this Agreement by facsimile or other electronic method of transmission shall be equally effective as delivery of an original executed counterpart.


This Grant shall be governed by the laws of the State of New York.

This Agreement may be executed by one or more of the parties to this Agreement on any number of separate counterparts, and all of said counterparts taken together shall be deemed to constitute one and the same instrument. Delivery of an executed signature page of this Agreement by facsimile transmission or by electronic mail in “portable document format” shall be effective as delivery of a manually executed counterpart hereof.


[SIGNATURES ON THE FOLLOWING PAGE]

IN WITNESS WHEREOF, the undersigned have executed this Grant as of the date referenced above.

PULSE SECURE, LLC,
as Grantor

By: 
Name: Peter Berger
Title: President

SMOBILE SYSTEMS, INC.,
as Grantor

By: 
Name: Peter Berger
Title: President

JUNIPER NETWORKS, INC.,
as Grantee

By: _____
Name:
Title:

[Signature Page to Grant of Security Interest Patents]

IN WITNESS WHEREOF, the undersigned have executed this Grant as of the date referenced above.

PULSE SECURE, LLC,
as Grantor

By: _____
Name:
Title:

SMOBILE SYSTEMS, INC.,
as Grantor

By: _____
Name:
Title:

JUNIPER NETWORKS, INC.,
as Grantee

By:  _____
Name: Mitchell L. Gaynor
Title: Executive Vice President

Schedule A

Application#	Title	Filed	Patent No.	Issue Date
12/572,656	METHOD AND SYSTEM FOR PROVIDING SECURE ACCESS TO PRIVATE NETWORKS	10/2/2009		
10/456,354	METHOD AND SYSTEM FOR PROVIDING SECURE ACCESS TO PRIVATE NETWORKS	6/5/2003		11/17/2009
60/387,146	METHOD AND SYSTEM FOR PROVIDING SECURE ACCESS TO PRIVATE NETWORKS	6/6/2002		
10/060,792	METHOD AND SYSTEM FOR PROVIDING SECURE ACCESS TO PRIVATE NETWORKS	1/29/2002		8/10/2010
12/821,928	METHOD AND SYSTEM FOR PROVIDING SECURE ACCESS TO PRIVATE NETWORKS	6/23/2010		12/4/2012
13/692,443	METHOD AND SYSTEM FOR PROVIDING SECURE ACCESS TO PRIVATE NETWORKS	12/3/2012	8,738,731	
10/410,619	METHOD AND SYSTEM FOR PROVIDING SECURE ACCESS TO PRIVATE NETWORKS WITH CLIENT REDUCTION	4/8/2003		12/8/2009
12/582,151	METHOD AND SYSTEM FOR PROVIDING SECURE ACCESS TO PRIVATE NETWORKS WITH CLIENT REDIRECTION	10/20/2009		6/7/2011
13/098,133	METHOD AND SYSTEM FOR PROVIDING SECURE ACCESS TO PRIVATE NETWORKS WITH CLIENT REDIRECTION	4/29/2011		
10/917,338	METHOD AND SYSTEM FOR PERFORMING A SECURITY CHECK	8/13/2004		12/1/2009
12/604,902	METHOD AND SYSTEM FOR PERFORMING A SECURITY CHECK	10/23/2009		
11/061,641	FEDERATING TRUST IN A HETEROGENEOUS NETWORK	2/22/2005		9/1/2009
12/507,462	FEDERATING TRUST IN A HETEROGENEOUS NETWORK	7/22/2009		9/27/2011
11/281,905	COMMUNICATION POLICY ENFORCEMENT IN A DATA NETWORK	11/18/2005		5/22/2012

Application#	Title	Filed	Patent No.	Issue Date
11/297,595	SYNCHRONIZATION OF MUTUALLY SHARED DATA STORED ON NETWORK DEVICES	12/8/2005		10/16/2012
11/166,779	REWRITING OF CLIENT-SIDE EXECUTED SCRIPTS IN THE OPERATION OF AN SSL VPN	6/27/2005	8,799,515	
11/226,520	LOCAL CACHING OF ONE-TIME USER PASSWORDS	9/14/2005		7/6/2010
12/825,077	LOCAL CACHING OF ONE-TIME USER PASSWORDS	6/28/2010		7/17/2012
11/236,987	NETWORK DEFENSE SYSTEM UTILIZING ENDPOINT HEALTH INDICATORS AND USER IDENTITY	9/28/2005		8/16/2011
11/166,778	MANAGEMENT OF SESSION TIMEOUTS IN AN SSL VPN GATEWAY	6/27/2005		1/18/2011
12/964,436	MANAGEMENT OF SESSION TIMEOUTS IN AN SSL VPN GATEWAY	12/9/2010		12/20/2011
11/383,843	SECURE DELIVERY OF FLASH CONTENT OVER NETWORKS	5/17/2006		5/29/2012
13/460,618	SECURE DELIVERY OF FLASH CONTENT OVER NETWORKS	4/30/2012		7/9/2013
11/280,511	SECURE DESKTOP	11/16/2005		2/5/2013
11/226,501	ADAPTIVE FAILOVER BETWEEN LAYER THREE AND LAYER FOUR NETWORK TUNNELS	9/14/2005		11/20/2012
11/291,836	REWRITER FILTER	12/2/2005	8,806,036	
11/346,062	LOCAL CACHING OF ENDPOINT COMPLIANCE CHECKS AND ENDPOINT SECURITY POSTURE POLICY	2/2/2006		2/1/2011
13/019,162	LOCAL CACHING OF ENDPOINT SECURITY INFORMATION	2/1/2011		5/22/2012
11/369,714	MULTIPLE VIRTUALIZED OPERATING ENVIRONMENTS WITHIN A VPN APPLIANCE	3/7/2006		6/14/2011
13/159,166	MULTIPLE VIRTUALIZED OPERATING ENVIRONMENTS WITHIN A VPN APPLIANCE	6/13/2011		

Application#	Title	Filed	Patent No.	Issue Date
11/374,861	NETWORK DEVICE FOR PROVIDING INTEGRATED DNS CACHING SERVICES	3/14/2006		6/28/2011
11/421,294	DYNAMIC ACCESS MANAGEMENT FOR NETWORK SECURITY	5/31/2006	8,601,102	12/3/2013
11/352,621	ONE TIME APPLICATION ACCESS CONTROL TOKEN TO LAUNCH EXTERNAL APPLICATIONS FROM WEB BROWSERS	2/13/2006		3/6/2012
11/530,189	COMBINING NETWORK ENDPOINT POLICY RESULTS	9/8/2006		2/5/2013
13/740,396	COMBINING NETWORK ENDPOINT POLICY RESULTS	1/14/2013	8,644,167	
11/537,036	SELECTIVE PERSISTENT STORAGE OF CONTROLLER INFORMATION	9/29/2006		1/31/2012
11/422,109	NETWORK POLICY EVALUATION	6/5/2006		9/22/2009
12/541,775	NETWORK POLICY EVALUATION	8/14/2009		7/19/2011
11/465,263	POLICY EVALUATION IN CONTROLLED ENVIRONMENT	8/17/2006		1/8/2013
13/728,173	POLICY EVALUATION IN CONTROLLED ENVIRONMENT	12/27/2012	8,661,505	
11/498,684	REMOTE DIRECTORY BROWSING THROUGH A SECURE GATEWAY OF A VIRTUAL PRIVATE NETWORK	8/3/2006		11/23/2010
12/951,840	REMOTE DIRECTORY BROWSING THROUGH A SECURE GATEWAY OF A VIRTUAL PRIVATE NETWORK	11/22/2010		6/12/2012
11/457,938	PLUG-IN BASED POLICY EVALUATION	7/17/2006	8,776,166	
11/558,293	APPLICATION-SPECIFIC NETWORK-LAYER VIRTUAL PRIVATE NETWORK CONNECTIONS	11/9/2006		1/10/2012
11/678,432	INTEGRITY PLUG-IN PROXY	2/23/2007	8,667,555	
11/685,374	UON-DEMAND ADVERTISING	3/13/2007		7/24/2012

Application#	Title	Filed	Patent No.	Issue Date
	OF SOFTWARE PACKAGES			
11/827,598	RECONCILIATION OF MULTIPLE SETS OF NETWORK ACCESS CONTROL POLICIES	7/12/2007		2/8/2011
11/772,469	ACCESS TO POLICY SERVER FROM MULTIPLE LAYER 2 NETWORKS	7/2/2007		
11/742,370	AUTHENTICATION AND AUTHORIZATION IN NETWORK LAYER TWO AND NETWORK LAYER THREE	4/30/2007	8,281,371	10/2/2012
13/601,546	AUTHENTICATION AND AUTHORIZATION IN NETWORK LAYER TWO AND NETWORK LAYER THREE	8/31/2012	8,800,006	
11/857,111	EXCHANGED OF NETWORK ACCESS CONTROL INFORMATION USING TIGHTLY-CONSTRAINED NETWORK ACCESS CONTROL PROTOCOLS	9/18/2007		1/24/2012
11/857,084	PROVISIONING LAYER THREE ACCESS FOR AGENTLESS DEVICES	9/18/2007	8,627,447	
11/864,598	UPDATING STORED PASSWORDS	9/28/2007		1/10/2012
11/970,701	SINGLE SIGN-ON FOR NETWORK APPLICATIONS	1/8/2008	8,627,493	
12/042,577	CONTROLLING NETWORK ACCESS BY APPLYING SUPER SECURITY POLICIES	3/5/2008		4/17/2012
12/042,558	DELAYING ONE-SHOT SIGNAL OBJECTS	3/5/2008		2/8/2011
12/980,598	DELAYING ONE-SHOT SIGNAL OBJECTS	12/29/2010		3/19/2013
12/111,306	POLICY BASED CROSS DOMAIN ACCESS CONTROL FOR SSL VPN	4/29/2008		2/14/2012
13/347,292	POLICY-BASED CROSS-DOMAIN ACCESS CONTROL FOR SSL VPN	1/10/2012		8/7/2012
12/183,628	DETERMINING A REDUCED SET OF REMEDIATION ACTIONS FOR ENDPOINT INTEGRITY	7/31/2008		
12/271,555	INTEGRITY CHECKED	11/14/2008		6/4/2013

Application#	Title	Filed	Patent No.	Issue Date
	MULTICAST			
12/350,649	PREDICTIVE REAL-TIME PAIRWISE MASTER KEY IDENTIFICATION (PMKID) GENERATION	1/8/2009		10/2/2012
12/345,694	ADVANCED TRIGGERS FOR INTEGRITY RE-CHECKS	12/30/2008		
12/334,611	SERVER-TO-SERVER INTEGRITY CHECKING	12/15/2008		8/9/2011
13/174,079	SERVER-TO-SERVER INTEGRITY CHECKING	6/30/2011		
12/475,230	TRANSLATING AUTHORIZATION INFORMATION WITHIN COMPUTER NETWORKS	5/29/2009		10/16/2012
12/358,834	IF-MAP PROVISIONING OF RESOURCES AND SERVICES	1/23/2009		
12/633,353	ENSURING QUALITY OF SERVICE OVER VPN IPSEC TUNNELS	12/8/2009		2/5/2013
12/637,930	ATOMIC DELETION OF DATA DATABASE CATEGORIES	12/15/2009		7/3/2012
13/485,482	ATOMIC DELETION OF DATABASE DATA CATEGORIES	5/31/2012		7/2/2013
12/651,081	SESSION MIGRATION BETWEEN NETWORK POLICY SERVERS	12/31/2009		
12/711,094	VIRTUAL SINGLE SIGN-ON FOR CERTIFICATE- PROTECTED RESOURCES	2/23/2010		10/1/2013
12/769,023	USING ENDPOINT HOST CHECKING TO CLASSIFY UNMANAGED DEVICES IN A NETWORK AND TO IMPROVE NETWORK LOCATION AWARENESS	4/28/2010		2/12/2013
13/746,598	USING ENDPOINT HOST CHECKING TO CLASSIFY UNMANAGED DEVICES IN A NETWORK AND TO IMPROVE NETWORK LOCATION AWARENESS	1/22/2013		
12/795,426	ATOMIC DELETION OF DATABASE DATA CATEGORIES	6/7/2010		10/16/2012

Application#	Title	Filed	Patent No.	Issue Date
13/403,436	MULTI-SERVICE VPN NETWORK CLIENT FOR MOBILE DEVICE	2/23/2012		
12/967,977	MULTI-SERVICE VPN NETWORK CLIENT FOR MOBILE DEVICE	12/14/2010		2/28/2012
11/697,642	MALWARE MODELING DETECTION SYSTEM AND METHOD FOR MOBILE PLATFORMS	4/6/2007		
11/697,658	MALWARE DETECTION SYSTEM AND METHOD FOR COMPRESSED DATA ON MOBILE PLATFORMS	4/6/2007		
11/697,664	SYSTEM AND METHOD FOR MANAGING MALWARE PROTECTION ON MOBILE DEVICES	4/6/2007		
11/697,668	NON-SIGNATURE MALWARE DETECTION SYSTEM AND METHOD FOR MOBILE PLATFORMS	4/6/2007		11/13/2012
11/869,719	SYSTEM AND METHOD OF MALWARE SAMPLE COLLECTION ON MOBILE NETWORKS	10/9/2007		
11/946,003	WIRELESS INTRUSION PREVENTION SYSTEM AND METHOD	11/27/2007		12/27/2011
13/336,787	WIRELESS INTRUSION PREVENTION SYSTEM AND METHOD	12/23/2011		
12/756,001	SYSTEM AND METHOD FOR CONTROLLING A MOBILE	4/7/2010		7/16/2013
13/164,627	DETECTING MALWARE ON MOBILE DEVICES	6/20/2011		
11/697,672	SYSTEM AND METHOD FOR MANAGING MALWARE PROTECTION ON MOBILE DEVICES	4/6/2007		
12/960,243	DISTRIBUTING AND SHARING LICENSES ACROSS NETWORK DEVICES I A VIRTUAL PRIVATE NETWORK (VPN)	12/3/2010		
12/969,941	USING ENCODED IDENTIFIERS TO PROVIDE RAPID CONFIGURATION FOR	12/16/2010	8,806,567	

Application#	Title	Filed	Patent No.	Issue Date
	NETWORK ACCESS			
12/959,143	VPN-TUNNEL CLIENTSIDE RESOURCE MANAGEMENT	12/2/2010		5/14/2013
12/968,067	MULTI-SERVICE VPN NETWORK CLIENT FOR MOBILE DEVICE HAVING DYNAMIC FAILOVER	12/14/2010		6/25/2013
12/968,013	VPN NETWORK CLIENT FOR MOBILE DEVICE HAVING DYNAMICALLY CONSTRUCTED DISPLAY FOR NATIVE ACCESS TO WEB MAIL	12/14/2010		6/25/2013
12/968,048	VPN NETWORK CLIENT FOR MOBILE DEVICE HAVING FAST RECONNECT	12/14/2010		6/11/2013
12/968,015	MULTI-SERVICE VPN NETWORK CLIENT FOR MOBILE DEVICE HAVING INTEGRATED ACCELERATION	12/14/2010		10/1/2013
14/041,873	MULTI-SERVICE VPN NETWORK CLIENT FOR MOBILE DEVICE HAVING INTEGRATED ACCELERATION	9/30/2013		
12/968,043	VPN NETWORK CLIENT FOR MOBILE DEVICE HAVING DYNAMICALLY TRANSLATED USER HOME PAGE	12/14/2010		6/4/2013
12/968,095	DUAL-MODE MULTI-SERVICE VPN NETWORK CLIENT FOR MOBILE DEVICE	12/14/2010		
13/166,376	PROVISIONING LAYER 2 NETWORK ACCESS FOR A MOBILE DEVICE	6/22/2011		
13/168,074	VPN SESSION MIGRATION ACROSS CLIENTS	6/24/2011	8,800,007	7/16/2014
13/332,163	VIRTUAL PRIVATE NETWORKING WITH MOBILE COMMUNICATION CONTINUITY	12/20/2011		
13/247,308	CREDENTIAL GENERATION FOR AUTOMATIC AUTHENTICATION ON	9/27/2011	8,594,628	11/26/2013

Application#	Title	Filed	Patent No.	Issue Date
	WIRELESS ACCESS NETWORK			
13/247,357	NETWORK ADDRESS PRESERVATION IN MOBILE NETWORKS P-ADDRESS PRESERVATION IN MOBILITY FROM MOBILE TO NON MOBILE NETWORKS WITHOUT BACKHAULING TRAFFIC	9/28/2011		
13/416,786	TUNNELING SESSION DETECTION TO PROVIDE SINGLE-SIGN ON (SSO) FUNCTIONALITY FOR A VPN GATEWAY	3/9/2012	8,776,209	6/18/2014
13/537,526	MIGRATING VIRTUAL MACHINES BETWEEN COMPUTING DEVICES	6/29/2012		
13/730,793	INFECTED ENDPOINT CONTAINMENT USING AGGREGATED SECURITY STATUS INFORMATION	12/28/2012		
13/938,194	APPLICATION-AWARE CONNECTION FOR NETWORK ACCESS CLIENT	7/9/2013		
14/226,622	MONITORING COMPLIANCE WITH SECURITY POLICIES FOR COMPUTER NETWORKS	14/226,622		
14/228,734	NETWORK ACCESS SESSION DETECTION TO PROVIDE SINGLE-SIGN ON (SSO) FUNCTIONALITY FOR A NETWORK ACCESS CONTROL DEVICE	3/28/2014		