

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT5071951

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
RAPTOR ACQUISITION, LLC	07/13/2012
RECEIVING PARTY DATA	
Name:	NANT HOLDINGS IP, LLC
Street Address:	11755 WILSHIRE BOULEVARD
Internal Address:	SUITE 2000
City:	LOS ANGELES
State/Country:	CALIFORNIA
Postal Code:	90025
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16048103
CORRESPONDENCE DATA	
Fax Number:	(858)314-1501
<i>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.</i>	
Email:	mscarr@mintz.com
Correspondent Name:	MINTZ LEVIN SAN DIEGO / PEDRO SUAREZ
Address Line 1:	3580 CARMEL MOUNTAIN ROAD
Address Line 2:	SUITE 300
Address Line 4:	SAN DIEGO, CALIFORNIA 92130
ATTORNEY DOCKET NUMBER:	054692-526C02US
NAME OF SUBMITTER:	PEDRO F. SUAREZ, ESQ.
SIGNATURE:	/PFS/
DATE SIGNED:	07/28/2018
Total Attachments: 5	
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ASSIGNMENT

WHEREAS, **Raptor Acquisition, LLC**, a limited liability company having its principal place of business at 11755 Wilshire Boulevard, Suite 2000, Los Angeles, CA 90025 (referred to hereinafter as "ASSIGNOR") has obtained by way of assignment certain IP Assets as outlined in the attached IP Schedule; which together with related good will, experimental data, trade secret, and other know-how is referred to hereinafter as the IP ASSETS;

WHEREAS, **Nant Holdings IP, LLC**, a limited liability company having its principal place of business at 11755 Wilshire Boulevard, Suite 2000, Los Angeles, CA 90025 (referred to hereinafter as "ASSIGNEE"), is desirous of acquiring entire right, title, good will and interest in, to and under said IP Assets, and in, to and under Letters Patent or similar legal protection to be, or having been, obtained therefor in the United States of America, its territorial possessions and in any and all countries foreign thereto;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby sells, assigns, transfers and sets over unto the ASSIGNEE, its successors and assigns the entire title, right and interest in and to the IP ASSETS, and to all Letters Patent or similar legal protection arising therefrom, not only in the United States and its territorial possessions, but in all countries foreign thereto, to be obtained for said IP ASSETS by said application or any continuation, continuation-in-part, divisional, renewal, substitute, reissue or reexamination thereof or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted, including all priority rights under any International Convention.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said IP ASSETS, including the patent applications listed therein, and any Letters Patent and legal equivalents in foreign countries issuing therefrom as may be known and accessible to ASSIGNOR, and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said IP Assets and said Letters Patent and said equivalents thereof in any foreign country which may be necessary or desirable to carry out the purposes thereof.

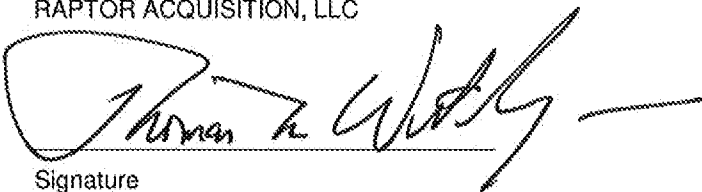
Expected Performance. Each party herein agrees to perform all acts and execute and deliver all documents as may be necessary or appropriate to carry out the intent and purposes of This Agreement.

ASSIGNOR acknowledge that ASSIGNEE may appoint any attorney or practitioner of ASSIGNEE'S choice to prosecute any application or other legal proceeding involving said IP Assets and ASSIGNOR further acknowledges that any attorney or practitioner so appointed by ASSIGNEE does not represent ASSIGNOR and that such appointment by ASSIGNEE does not create any attorney-client relationship between ASSIGNOR and any attorney or practitioner appointed by ASSIGNEE, in this or in any PCT or other family applications.

~~SEE~~ WITNESS my hand at _____, this _____ day of _____, 2012.
(city) (state) (month)

attached California Surat

RAPTOR ACQUISITION, LLC



Signature

THOMAS M. WITTENSCHWAEGER

Name

CEO

Title

IP SCHEDULE

023466.0018PRO1	Application Striping	Patent - Provisional	61/079909
023466.0018US1	Software Application Striping	Patent - US	12/251084
023466.0018US2	Software Application Striping	Patent - US	12/337877
023466.0018US3	Software Application Striping	Patent - US	12/556263
023466.0020PRO1	Distributed Fabric Virtualized Access Architectures	Patent - Provisional	61/177950
023466.0021US	HYBRID FABRIC	TMK - US	77/890844
023466.0022PRO1	Hybrid Transport - Work Fabric	Patent - Provisional	61/285899
023466.0023PRO1	Analysis and Deployment of Legacy Code into a Distributed Fabric	Patent - Provisional	61/289006
023466.0024PRO1	Self-Optimizing Distributed Fabric Applications	Patent - Provisional	61/289122
023466.0025PRO1	Distributed Fabric Multi-Core Processor	Patent - Provisional	61/289141
023466.0026US1	Hybrid Transport - Application Network Fabric Apparatus	Patent - US	12/849521
023466.0027PCT	Vector-Based Anomaly Detection	Patent - PCT	PCT/US11/61356
023466.0027PRO	Vector-Based Anomaly Detection	Patent - Provisional	61/415267
023466.0027US1	Vector-Based Anomaly Detection	Patent - US	13/024176
023466.0028PCT	Distributed Network interfaces for Application Cloaking and Spoofing	Patent - PCT	PCT/US11/66225
023466.0028PRO	Distributed Network interfaces for Application Cloaking and Spoofing	Patent - Provisional	61/427759
023466.0028US1	Distributed Network interfaces for Application Cloaking and Spoofing	Patent - US	13/024240
023466.0029PRO1	Dynamic Packet Routing	Patent - Provisional	61/540932
023466.0030PRO1	Non-overlapping Secured Topologies in a Distributed Fabric	Patent - Provisional	61/550055
023466.0032PRO1	Last Mile Data Delivery Systems and Methods	Patent - Provisional	61/577238

IP SCHEDULE

Matter ID	Title	Matter Type	Serial Number
023466.0003EP	Switching System With Distributed Switching Fabric	Patent - Foreign	EP04795050.6
023466.0003IP	Switching System With Distributed Switching Fabric	Patent - Foreign	JP2006-534473
023466.0003PCT	Switching System With Distributed Switching Fabric	Patent - PCT	PCT/US2004/033832
023466.0003US1	Switching System With Distributed Switching Fabric	Patent - US	10/965444
023466.0003US2	Virtual Machine Task Management System	Patent - US	11/248710
023466.0003US3	Time Division Multiplexing System	Patent - US	11/248711
023466.0003US4	Switching System For Virtual LANs	Patent - US	11/248708
023466.0003US5	Multiplexing System Having An Automatically Configured Topology	Patent - US	11/248111
023466.0003US6	VLAN Fabric Network	Patent - US	11/248639
023466.0003US7	Multiplexing System That Supports A Geographically Distributed Subnet	Patent - US	11/248707
023466.0003US8	Switching System With Distributed Switching Fabric	Patent - US	11/610281
023466.0004PRO1	Switching Network With Rapidly Migrating Manager	Patent - Provisional	61/013852
023466.0005PRO1	Network Management through Non-Interfering Communications, Systems and Methods	Patent - Provisional	61/014306
023466.0006PRO1	Secure and Agile Network Management Communications, Systems and Methods	Patent - Provisional	61/014367
023466.0007PRO1	Network Fabric Management Channels	Patent - Provisional	61/023004
023466.0008PRO1	Distributed Bus for Computing and Storage	Patent - Provisional	61/026415
023466.0009PRO1	Distributed Network Gateway	Patent - Provisional	61/026437
023466.0010PRO1	Network Fabric Having Split Management Functions	Patent - Provisional	61/024842
023466.0012PRO1	In-line, Parallel Encryption through a Fabric	Patent - Provisional	61/032656
023466.0013PRO1	Computation Transport Fabric	Patent - Provisional	61/038380
023466.0014US1	Disaggregated Network Management	Patent - US	12/120024
023466.0015US1	Distributed Computing Bus	Patent - US	12/122018
023466.0015US2	Distributed Computing Bus	Patent - US	13/042359
023466.0016US1	Secure Communication through a Network Fabric	Patent - US	12/146325
023466.0017PRO1	Contiguous Earth-Space Transport Fabric	Patent - Provisional	61/079892
023466.0017US1	Surface-Space Managed Network Fabric	Patent - US	12/250342
023466.0017US2	Surface-Space Managed Network Fabric	Patent - US	12/552186
023466.0017US3	Backhaul Fabric for Wireless Network	Patent - US	13/453857

PATENT

REEL: 046493 FRAME: 0634

CALIFORNIA JURAT WITH AFFIANT STATEMENT

- See Attached Document (Notary to cross out lines 1-6 below)
- See Statement Below (Lines 1-6 to be completed only by document signer[s], *not* Notary)

1 _____

2 _____

3 _____

4 _____

5 _____

6 _____

Signature of Document Signer No. 1

Signature of Document Signer No. 2 (if any)

State of California

County of Los Angeles

Subscribed and sworn to (or affirmed) before me

on this 13th day of July, 2012
Date Month Year

by
(1) Thomas M. Wittenschlaeger
Name of Signer

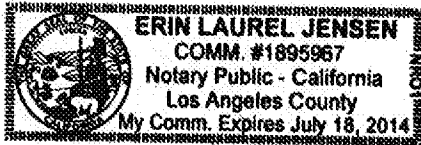
proved to me on the basis of satisfactory evidence to be the person who appeared before me (.) (.)

(and

(2) _____
Name of Signer

proved to me on the basis of satisfactory evidence to be the person who appeared before me.)

Signature [Handwritten Signature]
Signature of Notary Public



Place Notary Seal Above

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Further Description of Any Attached Document

Title or Type of Document: _____

Document Date: _____ Number of Pages: _____

Signer(s) Other Than Named Above: _____

RIGHT THUMBPRINT OF SIGNER #1
Top of thumb here

RIGHT THUMBPRINT OF SIGNER #2
Top of thumb here