

PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT7113033

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	RELEASE OF SECURITY INTEREST	
CONVEYING PARTY DATA		
Name		Execution Date
WESTERN ALLIANCE BANK		01/07/2022
RECEIVING PARTY DATA		
Name:	VIRTUAL INSTRUMENTS WORLDWIDE, INC.	
Street Address:	2363 BERING DRIVE	
City:	SAN JOSE	
State/Country:	CALIFORNIA	
Postal Code:	95131	
PROPERTY NUMBERS Total: 28		
Property Type	Number	
Patent Number:	10020994	
Patent Number:	9961094	
Patent Number:	9935858	
Patent Number:	9882841	
Patent Number:	9716638	
Patent Number:	9699032	
Patent Number:	9397880	
Patent Number:	9294194	
Patent Number:	9256503	
Patent Number:	9055693	
Patent Number:	8645527	
Patent Number:	8639797	
Patent Number:	8451731	
Patent Number:	8199641	
Patent Number:	7620986	
Patent Number:	7331060	
Patent Number:	6973040	
Patent Number:	6816910	
Application Number:	15946092	
Application Number:	15867685	

PATENT

Property Type	Number
Application Number:	15619425
Application Number:	14501820
Application Number:	14284753
Application Number:	14284254
Patent Number:	6876988
Patent Number:	7280988
Patent Number:	7127439
Patent Number:	7099799

CORRESPONDENCE DATA

Fax Number: (213)289-7739

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.

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ATTORNEY DOCKET NUMBER:	138252.341437
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NAME OF SUBMITTER:	AMY ARNELLE
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SIGNATURE:	/Amy Arnelle/
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DATE SIGNED:	01/10/2022
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Total Attachments: 4

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RELEASE OF SECURITY INTEREST IN PATENTS

THIS RELEASE OF SECURITY INTEREST IN PATENTS (this “*Release*”) with an effective date of January 7, 2022, is made by **WESTERN ALLIANCE BANK**, an Arizona corporation (the “*Secured Party*”), to and in favor of **VIRTUAL INSTRUMENTS WORLDWIDE, INC.**, a California corporation (f/k/a Load Dynamix, Inc.) (“*Company*”).

WITNESSETH:

WHEREAS, Company and the Secured Party executed that certain Intellectual Property Security Agreement, dated as of April 4, 2016, as amended by that certain First Amendment to Intellectual Property Security Agreement dated as of October 10, 2018, and that certain Second Amendment to Intellectual Property Security Agreement dated as of August 6, 2019 (as amended, restated, supplemented and otherwise modified from time to time, the “*IP Security Agreement*”) in favor of the Secured Party, pursuant to which Company assigned and pledged a security interest in certain patents, including under the patents, registrations and applications set forth in Exhibit A to this Release (the “*Patent Collateral*”); and

WHEREAS, the IP Security Agreement was recorded with the United States Patent and Trademark Office at Reel 038194, Frame 0181 on April 5, 2016, , at Reel 047127, Frame 0767 on October 10, 2018 and at Reel 050320, Frame 0311 on September 10, 2019; and

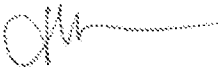
WHEREAS, the Secured Party has agreed to release all of its security interest in all of Company’s right, title and interest in, to and under the Patent Collateral, and reconvey any and all rights in the Patent Collateral to Company, including the patents, registrations and applications set forth in Exhibit A.

NOW, THEREFORE, in consideration of good and valuable consideration, receipt of which is hereby acknowledged, the Secured Party hereby releases, reconveys and relinquishes all of its right, title and interest in, to and under the Patent Collateral that is the subject of the IP Security Agreement and reassigns to Company any and all right, title or interest it may have in such Patent Collateral, including the patents, registrations and applications set forth in Exhibit A, all without warranty or representation of any kind.

The Secured Party hereby authorizes and requests that the United States Commissioner of Patents and Trademarks and any other applicable officer in any successor office or any similar office in any other country record this Release.

IN WITNESS WHEREOF, the Secured Party has caused this Release to be effective au the date first above written:

WESTERN ALLIANCE BANK, as the Secured Party

By:  _____

Name: Jeff Brown

Title: Senior Director

Signature page to Release of Patent Security

EXHIBIT A

[Following Attachment]

EXHIBIT A**PATENTS**

Description	Patent / Application Number	Issue / Application Date
Automatically Determining Locations of Network Monitors in a Communication	10,020,994	07/10/18
Symptom detection using behavior probability density, network monitoring of multiple observation value types, and network monitoring using orthogonal profiling dimensions	9,961,094	05/01/18
Enhanced Flow Processing	9,935,858	04/03/18
Validating workload distribution in a storage area network	9,882,841	01/30/18
Push pull data collection	9,716,638	07/25/17
Storage area network queue depth profiler	9,699,032	07/04/17
Network monitoring using virtual packets	9,397,880	07/19/16
Network monitoring using thin film splitters and avalanche photodiode detectors in multimode application	9,294,194	03/22/16
Data Verification	9,256,503	02/09/16
Reversible fan module for electronic circuit assemblies	9,055,693	06/09/15
Network monitoring using bounded memory data structures	8,645,527	02/04/14
Network monitoring of behavior probability density	8,639,797	01/28/14
Network monitoring using virtual packets	8,451,731	05/28/13
Parallel distributed network monitoring	8,199,641	06/12/12
Defenses against software attacks in distributed computing environments	7,620,986	11/17/09
Dynamic DoS flooding protection	7,331,060	02/12/08
Method of maintaining lists of network characteristics	6,973,040	12/06/05
Method and apparatus for limiting network connection resources	6,816,910	11/09/04
Symptom detection using behavior probability density, network monitoring of multiple observation value types, and network monitoring using orthogonal profiling dimensions	15/946,092	4/5/2018
Enhanced flow processing	15/867,685	1/10/2018
Push pull data collection	15/619,425	6/9/2017
Virtual Machine Processor & Memory Resource Coordinator	14/501,820	09/30/14
Performance Analysis of a Time-Varying Network	14/284,753	05/22/14
Identifying Problems In A Storage Area Network	14/284,254	05/21/14
Enhanced Computer Performance Forecasting System	6,876,988	03/16/01
Method And System For Analyzing And Predicting The Performance Of Computer Network Using Time Series Measurements	7,280,988	12/19/02
Automated Analyzers For Estimation Systems	7,127,439	06/07/02
Computer Performance Estimation System Configured To Take Expected Events Into Consideration	7,099,799	10/27/04