

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	RELEASE OF SECURITY INTEREST IN PATENTS AT R/F 046923/0557
CONVEYING PARTY DATA	
Name	Execution Date
JEFFERIES FINANCE LLC, AS COLLATERAL AGENT	12/02/2022
RECEIVING PARTY DATA	
Name:	DYNATRACE, LLC
Street Address:	1601 TRAPELO ROAD
Internal Address:	SUITE 116
City:	WALTHAM
State/Country:	MASSACHUSETTS
Postal Code:	02451
PROPERTY NUMBERS Total: 60	
Property Type	Number
Application Number:	09244274
Application Number:	09337175
Application Number:	09614305
Application Number:	09770969
Application Number:	09800080
Application Number:	10043824
Application Number:	10625943
Application Number:	10710120
Application Number:	10826548
Application Number:	10981107
Application Number:	11167057
Application Number:	11206486
Application Number:	11223264
Application Number:	11471319
Application Number:	11544090
Application Number:	11770427
Application Number:	11877804
Application Number:	12102534
Application Number:	12182513

Property Type	Number
Application Number:	12344785
Application Number:	12502502
Application Number:	12552351
Application Number:	12727004
Application Number:	12783567
Application Number:	12794960
Application Number:	12814749
Application Number:	12823516
Application Number:	12862634
Application Number:	12978350
Application Number:	13319913
Application Number:	13363447
Application Number:	13609442
Application Number:	13627293
Application Number:	13722026
Application Number:	13775621
Application Number:	13910587
Application Number:	14056016
Application Number:	14085882
Application Number:	14227597
Application Number:	14338637
Application Number:	14338707
Application Number:	09199972
Application Number:	09277574
Application Number:	09475765
Application Number:	09558414
Application Number:	09813431
Application Number:	09870127
Application Number:	10114921
Application Number:	15412129
Application Number:	15347970
Application Number:	15264949
Application Number:	15264909
Application Number:	15264867
Application Number:	15227029
Application Number:	15157883
Application Number:	15157765
Application Number:	14995450

Property Type	Number
Application Number:	14879183
Application Number:	14718547
Application Number:	15783063

CORRESPONDENCE DATA

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NAME OF SUBMITTER:	JESSICA BAJADA-SILVA
SIGNATURE:	/s/ Jessica Bajada-Silva
DATE SIGNED:	12/05/2022

Total Attachments: 8
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RELEASE OF SECURITY INTEREST IN PATENTS

This RELEASE OF SECURITY INTEREST IN PATENTS (this “**Release**”), dated as of December 2, 2022, is made by JEFFERIES FINANCE LLC, acting through one or more of its branches or any Affiliate thereof, as collateral agent (in such capacity, together with any successor collateral agent, the “**Collateral Agent**”) for the Secured Parties in favor of DYNATRACE, LLC, a Delaware limited liability company (the “**Grantor**”). All capitalized terms used but not defined herein shall have the respective meanings given to them (including by reference) in the Security Agreement (as defined below).

WHEREAS, the Grantor, the other grantors party thereto from time to time and the Collateral Agent entered into that certain First Lien Security Agreement, dated as of August 23, 2018 (as amended, restated, amended and restated, supplemented or otherwise modified from time to time, the “**Security Agreement**”), pursuant to which the Grantor executed and delivered to the Collateral Agent that certain Patent Security Agreement, dated as of August 23, 2018 (the “**Patent Security Agreement**”);

WHEREAS, pursuant to the Security Agreement and the Patent Security Agreement, the Grantor granted to the Collateral Agent for the ratable benefit of the Secured Parties a security interest in all of the Grantor’s right, title and interest in and to the following, except for Excluded Property (collectively, the “**Patent Collateral**”):

- (a) the patents and patent applications set forth in Schedule A hereto;
- (b) all reissues, divisions, continuations, continuations-in-part, extensions, renewals and reexaminations of any of the foregoing, all rights in the foregoing provided by international treaties or conventions, all rights corresponding thereto throughout the world and all other rights of any kind whatsoever of the Grantor accruing thereunder or pertaining thereto;
- (c) any and all claims for damages and injunctive relief for past, present and future infringement, dilution, misappropriation, violation, misuse or breach with respect to any of the foregoing, with the right, but not the obligation, to sue for and collect, or otherwise recover, such damages and injunctive relief; and
- (d) any and all proceeds of, collateral for, income, royalties and other payments then or thereafter due and payable with respect to, and supporting obligations relating to, any and all of the Patent Collateral or arising from any of the foregoing;

WHEREAS, the Patent Security Agreement was recorded with the United States Patent and Trademark Office on August 24, 2018 at Reel 046923, Frame 0557; and

WHEREAS, the Grantor has requested that the Collateral Agent execute and deliver this Release to evidence the release of its security interest in the Patent Collateral for recordation at the United States Patent and Trademark Office.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Collateral Agent, without any representation, warranty or recourse of any kind or nature, hereby (a) releases its security interest in the Patent Collateral, and (b) re-assigns and re-conveys to the Grantor any right, title or interest the Collateral Agent may have acquired under the Security Agreement or the Patent Security Agreement in or to the Patent Collateral.

IN WITNESS WHEREOF, the Collateral Agent has caused this Release to be executed and delivered by its duly authorized representative as of the date first set forth above.

**JEFFERIES FINANCE LLC,
as Collateral Agent**

By: Peter Cucchiara
Name: Peter Cucchiara
Title: Senior Vice President

Schedule A

PATENTS

Grantor	App title	Country	Status	Filed Date	App No.	Grant Date	Patent No.
Dynatrace LLC	Method to display information representing network traffic on a computer display monitor.	U.S.	Granted	02-03-1999	09244274	06-24-2003	6584501 Valid till: 2-3-2019
Dynatrace LLC	Application response time prediction.	U.S.	Granted	06-21-1999	09337175	05-21-2002	6393480 Valid till: 6-21-2019
Dynatrace LLC	Server monitoring.	U.S.	Granted	07-12-2000	09614305	06-28-2005	6912572 Valid till: 7-17-2022
Dynatrace LLC	Method and system to calculate network latency, and to display the same field of the invention.	U.S.	Granted	01-25-2001	09770969	07-26-2005	6922417 Valid till: 4-26-2023
Dynatrace LLC	Response time analysis of network performance.	U.S.	Granted	03-05-2001	09800080	11-07-2006	7133911 Valid till: 5-6-2023
Dynatrace LLC	Fast transaction response time prediction across multiple delay sources.	U.S.	Granted	01-11-2002	10043824	10-31-2006	7130915 Valid till: 10-6-2023
Dynatrace LLC	System and method of active latency detection for network applications.	U.S.	Granted	07-24-2003	10625943	04-29-2008	7366790 Valid till: 10-26-2025
Dynatrace LLC	Computer system tools and method for development and testing	U.S.	Granted	06-20-2004	10710120	02-01-2011	7882179 Valid till: 3-14-2027
Dynatrace LLC	System and method for monitoring global network performance.	U.S.	Granted	04-16-2004	10826548	01-13-2009	7478151 Valid till: 1-10-2025
Dynatrace LLC	Visual landscape for multi-tiered application environment component interactions.	U.S.	Granted	11-03-2004	10981107	06-03-2008	7382371 Valid till: 1-8-2025
Dynatrace LLC	System and interface for monitoring information technology assets.	U.S.	Granted	06-24-2005	11167057	07-06-2010	7752301 Valid till: 5-25-2026
Dynatrace LLC	Characterizing application performance within a network.	U.S.	Granted	08-17-2005	11206486	08-11-2009	7574504 Valid till: 2-6-2023
Dynatrace LLC	Methods and apparatus for collecting performance metrics from a web site.	U.S.	Granted	09-09-2005	11223264	11-22-2011	8065410 Valid till: 5-28-2027

Grantor	App title	Country	Status	Filed Date	App No.	Grant Date	Patent No.
Dynatrace LLC	Methods and apparatus for collecting and displaying performance metrics from a web site.	U.S.	Granted	06-20-2006	11471319	03-23-2010	7685273 Valid till: 2-21-2027
Dynatrace LLC	Method of incorporating dbms wizards with analytical models for dbms server's performance optimization.	U.S.	Granted	10-06-2006	11544090	06-12-2012	8200659 Valid till: 10-6-2026
Dynatrace LLC	Analytics system and method.	U.S.	Granted	06-28-2007	11770427	05-22-2012	8185619 Valid till: 2-29-2028
Dynatrace LLC	Methods and apparatus for real user monitoring.	U.S.	Granted	10-24-2007	11877804	07-27-2010	7765295 Valid till: 10/24/2027
Dynatrace LLC	Website load testing using a plurality of remotely operating agents distributed over a wide area.	U.S.	Granted	04-14-2008	12102534	04-05-2011	7921205 Valid till: 4-21-2029
Dynatrace LLC	Methods and apparatus for real user monitoring including flash monitoring.	U.S.	Granted	07-30-2008	12182513	01-10-2012	8095650 Valid till: 1-3-2030
Dynatrace LLC	System and method for monitoring global network performance.	U.S.	Granted	12-29-2008	12344785	10-12-2010	7814201 Valid till: 5-18-2024
Dynatrace LLC	Multiple instance commercial browser website test agent.	U.S.	Granted	07-14-2009	12502502	03-26-2013	8407337 Valid till: 1-1-2032
Dynatrace LLC	Performance management tool having unified analysis report.	U.S.	Granted	09-02-2009	12552351	12-04-2012	8327335 Valid till: 5-28-2031
Dynatrace LLC	Methods and apparatus for collecting and displaying performance metrics from a web site.	U.S.	Granted	03-18-2010	12727004	11-22-2011	8065414 Valid till: 3-30-2025
Dynatrace LLC	System and interface for monitoring information technology assets.	U.S.	Granted	05-20-2010	12783567	08-07-2012	8239527 Valid till: 3-10-2024
Dynatrace LLC	Service quality evaluator having adaptive evaluation criteria.	U.S.	Granted	06-07-2010	12794960	10-09-2012	8285841 Valid till: 2-24-2031
Dynatrace LLC	Method for determining a business calendar across a shared computing infrastructure.	U.S.	Granted	06-14-2010	12814749	10-16-2012	8291059 Valid till: 2-19-2031

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Dynatrace LLC	Service model creation using monitored data of the performance management tool.	U.S.	Granted	06-25-2010	12823516	10-09-2012	8285800 Valid till: 1-19-2031
Dynatrace LLC	System for computationally quantifying similarities between images.	U.S.	Granted	08-24-2010	12862634	07-30-2013	8498473 Valid till: 1-5-2032
Dynatrace LLC	Computer system tools and method for development and testing.	U.S.	Granted	12-23-2010	12978350	04-24-2012	8166123 Valid till: 6-20-2024
Dynatrace LLC	Performance monitoring of a media player launched by a web browser.	U.S.	Granted	07-31-2012	13319913	08-18-2015	9112825 Valid till: 2-8-2032
Dynatrace LLC	System and methods that enable automated testing of mobile devices at a remote monitor site.	U.S.	Granted	02-01-2012	13363447	06-30-2015	9071989 Valid till: 4-12-2034
Dynatrace LLC	Service quality evaluator having adaptive evaluation criteria.	U.S.	Granted	09-11-2012	13609442	09-20-2016	9448906 Valid till: 3-30-2033
Dynatrace LLC	Technique for simulating an orientation change event in a test environment.	U.S.	Granted	09-26-2012	13627293	05-31-2016	9355015 Valid till: 8-2-2033
Dynatrace LLC	Method and system for tracing end-to-end transaction which accounts for content update requests.	U.S.	Granted	12-20-2012	13722026	02-14-2017	9571591 Valid till: 1-20-2034
Dynatrace LLC	System and method for extracting instrumentation relevant inheritance relationships for a distributed, inheritance rule based instrumentation system.	U.S.	Granted	02-25-2013	13775621	06-02-2015	9047412 Valid till: 1-25-2028
Dynatrace LLC	System and methods for tracing individual transactions across a mainframe computing environment.	U.S.	Granted	06-05-2013	13910587	04-12-2016	9311214 Valid till: 6-2-2034
Dynatrace LLC	Method and system for browser based, non-intrusive measuring of end-user perceived performance of individual third party resource requests.	U.S.	Granted	10-17-2013	14056016	05-31-2016	9356842 Valid till: 5-6-2034

Grantor	App title	Country	Status	Filed Date	App No.	Grant Date	Patent No.
Dynatrace LLC	Method and system for tracing individual transactions over messaging systems without adding tracing information to messages.	U.S.	Granted	11-21-2013	14085882	09-15-2015	9135138 Valid till: 11-21-2033
Dynatrace LLC	System and method for combining server side and network side transaction tracing and measurement data at the granularity level of individual transactions.	U.S.	Granted	03-27-2014	14227597	02-14-2017	9571373 Valid till: 1-9-2035
Dynatrace LLC	Method and system for combining trace data describing multiple individual transaction executions with transaction processing infrastructure monitoring data.	U.S.	Granted	07-23-2014	14338637	09-20-2016	9451017 Valid till: 1-22-2035
Dynatrace LLC	Method and system for real-time, false positive resistant, load independent and self-learning anomaly detection of measured transaction execution parameters like response times.	U.S.	Granted	07-23-2014	14338707	11-14-2017	9817884 Valid till: 12-6-2035
Dynatrace LLC	Method and apparatus for measuring the performance of a network based application program	U.S.	Granted	11-25-1998	09199972	09-03-2002	6446028 Valid till: 11-25-2018
Dynatrace LLC	Full service research bureau and test center method and apparatus	U.S.	Granted	03-26-1999	09277574	05-25-2004	6741967 Valid till: 3-26-2019
Dynatrace LLC	Method and system for evaluating quality of service over the internet	U.S.	Granted	12-30-1999	09475765	05-13-2008	7373376 Valid till: 12-30-2019
Dynatrace LLC	Method and system for scheduling measurement of site performance over the internet	U.S.	Granted	04-24-2000	09558414	07-08-2003	6591298 Valid till: 4-24-2020
Dynatrace LLC	System and method for wireless data performance monitoring	U.S.	Granted	03-20-2001	09813431	06-29-2004	6757543 Valid till: 11-26-2022
Dynatrace LLC	Method and system for evaluating quality of service for streaming audio and video	U.S.	Granted	05-29-2001	09870127	03-27-2007	7197557 Valid till: 3-29-2023
Dynatrace LLC	Method and system for evaluating quality of service for transactions over a network	U.S.	Granted	04-02-2002	10114921	06-24-2008	7392321 Valid till: 1-25-2024

Grantor	App title	Country	Status	Filed Date	App No.	Grant Date	Patent No.
Dynatrace LLC	Method And System For Tracing End-To-End Transaction, Including Browser Side Processing And End User Performance Experience	US	Pending	2017-01-23	15412129	--	--
Dynatrace LLC	System and method for measuring performance and availability of applications utilizing monitoring of distributed systems processes combined with analysis of the network communication between the processes.	US	Pending	2016-11-10	15347970	--	--
Dynatrace LLC	Method And System For Automated Injection Of Process Type Specific In-Process Agents On Process Startup.	US	Pending	2016-09-14	15264949	--	--
Dynatrace LLC	Method And System For Clustered Real-time Correlation Of Trace Data Fragments Describing Distributed Transaction Executions.	US	Pending	2016-09-14	15264909	--	--
Dynatrace LLC	Method And System For Real-Time Causality And Root Cause Determination Of Transaction And Infrastructure Related Events Provided By Multiple, Heterogeneous Agents.	US	Pending	2016-09-14	15264867	--	--
Dynatrace LLC	Method And System For Real-Time, Load-Driven Multidimensional And Hierarchical Classification Of Monitored Transaction Executions For Visualization And Analysis Tasks Like Statistical Anomaly Detection.	US	Pending	2016-08-03	15227029	--	--
Dynatrace LLC	Synthetic Testing Of Web Applications Using Instrumented Monitoring Agents.	US	Pending	2016-05-18	15157883	--	--
Dynatrace LLC	Synthetic test recorder installed in line with a web portal.	US	Pending	2016-05-18	15157765	-	--
Dynatrace LLC	Method And System For Automated, Static Instrumentation For Applications Designed For Execution In Environments With Restricted Resources, Like Mobile Devices Or TV Set Top Boxes	US	Pending	2016-01-14	14995450	--	--

Grantor	App title	Country	Status	Filed Date	App No.	Grant Date	Patent No.
Dynatrace LLC	Method And System For Real-time Modeling Of Communication, Virtualization And Transaction Execution Related Topological Aspects Of Monitored Software Applications And Hardware Entities	US	Pending	2015-10-09	14879183	--	--
Dynatrace LLC	Method And System For Resource Monitoring Of Large-Scale, Orchestrated, Multi Process Job Execution Environments	US	Granted	2015-05-21	14718547	11-01-2016	9483378 Valid till: 5-21-2035
Dynatrace LLC	Method And System For Real-Time, False Positive Resistant, Load Independent And Self-Learning Anomaly Detection Of Measured Transaction Execution Parameters Like Response Times	US	Pending	2017-10-13	15783063	--	--