

TRADEMARK ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

ETAS ID: TM634282

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	SECURITY INTEREST		
CONVEYING PARTY DATA			
Name	Formerly	Execution Date	Entity Type
LIGHTBEND, INC.		03/23/2021	Corporation: DELAWARE
RECEIVING PARTY DATA			
Name:	COMERICA BANK		
Street Address:	39200 SIX MILE ROAD		
Internal Address:	MC 7578		
City:	LIVONIA		
State/Country:	MICHIGAN		
Postal Code:	48152		
Entity Type:	TEXAS BANKING ASSOCIATION: TEXAS		
PROPERTY NUMBERS Total: 2			
Property Type	Number	Word Mark	
Registration Number:	5514194	LIGHTBEND REACTIVE PLATFORM	
Registration Number:	5177485	LIGHTBEND	
CORRESPONDENCE DATA			
Fax Number:	2028427899		
<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>			
Phone:	202-776-2046		
Email:	jmfitzpatrick@cooley.com		
Correspondent Name:	JENNIFER FITZPATRICK		
Address Line 1:	C/O COOLEY LLP		
Address Line 2:	1299 Pennsylvania Avenue, NW, Suite 700		
Address Line 4:	WASHINGTON, D.C. 20004-2400		
ATTORNEY DOCKET NUMBER:	036703-2057		
NAME OF SUBMITTER:	JENNIFER FITZPATRICK		
SIGNATURE:	/JENNIFER FITZPATRICK/		
DATE SIGNED:	03/24/2021		
Total Attachments: 7			
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INTELLECTUAL PROPERTY SECURITY AGREEMENT

This Intellectual Property Security Agreement ("Agreement") is entered into as of March 23, 2021 by and between COMERICA BANK, a Texas Banking Association ("Bank") and LIGHTBEND, INC., a Delaware corporation ("Grantor").

RECITALS

A. Bank has agreed to make certain advances of money and to extend certain financial accommodations to Grantor (the "Loans") in the amounts and manner set forth in that certain Loan and Security Agreement by and between Bank and Grantor dated of even date herewith (as the same may be amended, modified or supplemented from time to time, the "Loan Agreement"; capitalized terms used herein are used as defined in the Loan Agreement). Bank is willing to make the Loans to Grantor, but only upon the condition, among others, that Grantor shall grant to Bank a security interest in certain Copyrights, Trademarks and Patents to secure the obligations of Grantor under the Loan Agreement.

B. Pursuant to the terms of the Loan Agreement, Grantor has granted to Bank a security interest in all of Grantor's right, title and interest, whether presently existing or hereafter acquired, in, to and under all of the Collateral.

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, and intending to be legally bound, as collateral security for the prompt and complete payment when due of its Obligations under the Loan Agreement and all other agreements now existing or hereafter arising between Grantor and Bank, Grantor hereby represents, warrants, covenants and agrees as follows:

AGREEMENT

To secure its Obligations under the Loan Agreement and under any other agreement now existing or hereafter arising between Grantor and Bank, Grantor hereby grants and pledges to Bank a security interest in all of Grantor's right, title and interest in, to and under its Intellectual Property Collateral (including without limitation those Copyrights, Patents and Trademarks listed on Exhibits A, B and C hereto but excluding intent-to-use trademarks), and including without limitation all proceeds thereof (such as, by way of example but not by way of limitation, license royalties and proceeds of infringement suits), the right to sue for past, present and future infringements, and, as applicable, all re-issues, divisionals, continuations, renewals, extensions and continuations-in-part thereof.

This security interest is granted in conjunction with the security interest granted to Bank under the Loan Agreement. The rights and remedies of Bank with respect to the security interest granted hereby are in addition to those set forth in the Loan Agreement and the other Loan Documents, and those which are now or hereafter available to Bank as a matter of law or equity. Each right, power and remedy of Bank provided for herein or in the Loan Agreement or any of the Loan Documents, or now or hereafter existing at law or in equity shall be cumulative and concurrent and shall be in addition to every right, power or remedy provided for herein and the exercise by Bank of any one or more of the rights, powers or remedies provided for in this Intellectual Property Security Agreement, the Loan Agreement or any of the other Loan Documents, or now or hereafter existing at law or in equity, shall not preclude the simultaneous or later exercise by any person, including Bank, of any or all other rights, powers or remedies. In the event of any conflict between this Agreement and any other Loan Document, the terms of such other Loan Documents shall control.

Grantor represents and warrants that Exhibits A, B, and C attached hereto set forth any and all intellectual property rights that are included in the Intellectual Property Collateral in connection to which Grantor has registered or filed an application with either the United States Patent and Trademark Office or the United States Copyright Office, as applicable, as of the date hereof.

This Agreement may be executed in two or more counterparts, each of which shall be deemed an original but all of which together shall constitute the same instrument.

The parties agree that the electronic signature of a party to this Agreement and each related instrument, document and agreement, shall be as valid as an original manually executed signature of such party and shall be effective to bind such party to this Agreement and each related instrument, document and agreement, and that any electronically signed document (including this Agreement and each related instrument, document and agreement) shall be deemed (i) to be "written" or "in writing," and (ii) to have been "signed" or "duly executed". For purposes hereof, "electronic signature" means a manually-signed original signature that is then transmitted by electronic means or a signature through an electronic signature technology platform. Notwithstanding the foregoing, Bank may require original manually executed signatures (and upon Bank's request, Grantor shall deliver such original manually executed signatures to Bank).

[Signature page follows.]

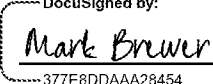
IN WITNESS WHEREOF, the parties have caused this Intellectual Property Security Agreement to be duly executed by its officers thereunto duly authorized as of the first date written above. Each of the undersigned also acknowledges and agrees that the undersigned's electronic signature below indicates the undersigned's agreement to, and intention to be legally bound.

GRANTOR:

Address of Grantor:

625 Market Street, Suite 1000
San Francisco, CA 94105
Attn: Mark Brewer

LIGHTBEND, INC.

By:  _____
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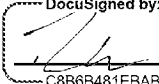
Name: Mark Brewer
Title: President and Chief Executive Officer

BANK:

Address of Bank:

Comerica Bank
National Documentation Services
39200 Six Mile Rd.
Mail Code 7578
Livonia, MI 48152

COMERICA BANK

By:  _____
C8B6B481EBAB435...

Name: Robert Hernandez
Title: Senior Vice President

EXHIBIT A

Copyrights

Description	Registration Number	Registration Date
None.		

EXHIBIT B

Patents

(See attached)

Application No.	Date Filed	Status	Title	Patent No.	Issue Date
14/276,826	5/13/2014	Issued/Granted	Organizing Network Performance Metrics Into Historical Anomaly Dependency Data	9,558,056	1/31/2017
14/276,846	5/13/2014	Issued/Granted	Organizing Network Performance Metrics Into Historical Anomaly Dependency Data	9,632,858	4/25/2017
15/494,519	4/23/2017	Issued/Granted	Ranking Network Anomalies in an Anomaly Cluster	10,454,753	10/22/2019
14/877,923	10/7/2015	Issued/Granted	Anomaly Detection Using Circumstance-Specific Detectors	10,281,851	4/16/2019
16/382,074	4/11/2019	Published	Anomaly Detection Using Circumstance-Specific Detectors		
14/878,910	10/8/2015	Issued/Granted	Hierarchical Service Oriented Application Topology Generation for a Network	9,917,751	3/13/2018
15/919,064	3/12/2018	Issued/Granted	Hierarchical Service Oriented Application Topology Generation for a Network	10,200,260	2/5/2019
16/261,134	1/29/2019	Issued/Granted	Hierarchical Service Oriented Application Topology Generation for a Network	10,693,750	6/23/2020
16/906,907	6/19/2020	Pending	Hierarchical Service Oriented Application Topology Generation for a Network		
15/289,112	10/7/2016	Issued/Granted	Context-Aware Rule Engine for Anomaly Detection	10,228,996	3/12/2019
15/289,114	10/7/2016	Issued/Granted	Tuning Context-Aware Rule Engine for Anomaly Detection	10,210,038	2/19/2019
16/276,431	2/14/2019	Issued/Granted	Tuning Context-Aware Rule Engine for Anomaly Detection	10,698,757	6/30/2020
16/909,920	6/23/2020	Pending	Tuning Context-Aware Rule Engine for Anomaly Detection		
15/289,080	10/7/2016	Issued/Granted	Systems and Methods of Constructing a Network Topology	10,108,411	10/23/2018
15/289,115	10/7/2016	Issued/Granted	Systems and Methods of Monitoring a Network Topology	10,365,915	7/30/2019
16/133,608	9/17/2018	Closed	Systems and Methods of Constructing a Network Topology		
15/841,198	12/13/2017	Issued/Granted	Resource and Metric Ranking by Differential Analysis	10,404,524	9/3/2019
16/891,015	6/2/2020	Pending	Automated Determination of Operating Parameter Configurations for Applications		

EXHIBIT C

Trademarks

Description	Registration/ Serial Number	Registration/ Application Date
LIGHTBEND REACTIVE PLATFORM	5514194	07/10/2018
LIGHTBEND	5177485	04/04/2017