## 505901446 02/05/2020

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT5948147

SUBMISSION TYPE:		NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT	
CONVEYING PARTY DA	ТА			
		Name	Execution Date	
DAVIDE VITIELLO			09/28/2019	
LARA FALQUE-PIERRO	TIN		09/30/2019	
YIZHAR TOREN			10/08/2019	
RECEIVING PARTY DA	ГА			
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State/Country:	GERMANY			
Postal Code:	10997			
PROPERTY NUMBERS Total: 1 Property Type Application Number:		<b>Number</b> 6581743		
Application Number.	I	0001740		
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Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4: ATTORNEY DOCKET NU NAME OF SUBMITTER:	g C S V	tclaw@blackhillsip.com, ksmith@gtcla GTC LAW GROUP PC & AFFILIATES DNE UNIVERSITY AVE. GTE. 302B VESTWOOD, MASSACHUSETTS 020 SHOP-0035-U01 KELLY M. SMITH		

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## **ASSIGNMENT**

WHEREAS, as a below named inventor, I have invented certain new and useful improvements in

## SUPPLIER RECOMMENDATION ENGINE

for which a United States Patent application was filed on <u>September 24, 2019</u>, and bears Application Number <u>16/581,743</u>;

(hereinafter "Application(s)")

WHEREAS, Shopify Commerce Germany GmbH, a German corporation, having a registered address of Zeughofster Str. 20, 10997, Berlin, Germany (hereinafter the "Assignee"), has acquired, or is desirous of acquiring, the entire right, title, and interest in and to (i) the Application(s), (ii) the inventions and improvements therein disclosed and (iii) any subsequent improvements thereto ((i), (ii) and (iii) collectively, the "Inventions").

NOW, THEREFORE, for good and valuable consideration paid to me by, or on behalf of, the Assignee, the receipt and sufficiency of which are hereby acknowledged, I as a named inventor (hereinafter the "Assignor"), do hereby confirm my previous assignment, sale and/or transfer to the Assignee, or if no such previous assignment, sale and/or transfer occurred, do hereby assign, sell and transfer to the Assignee the full and exclusive right, title and interest in and to the Inventions for the United States and all foreign countries and any Letters Patent which may issue therefor in the United States and all foreign countries, and all conversions, divisions, reissues, continuations, continuations-in-part, renewals and/or extensions thereof (the "Subsequent Filings"). Such assignment also includes the right to claim priority to the Application(s) and Subsequent Filings under any law, rule, treaty, or convention. Such assignment extends to the full end(s) of the term(s) of the Application(s), such Letters Patent and any Subsequent Filings as fully and entirely as the same would have been held and enjoyed by me had assignment not been made. Said full and exclusive right, title, and interest referred to above includes all rights to all past, present and future claims for infringement of any patent resulting from the Inventions including the right to grant licenses, to bring lawsuits, and to recover damages for any past, present, and future infringement, whether known or unknown, now existing or hereafter arising.

I, as a named inventor, covenant that, at the time of my assignment, I was or am a lawful owner of the Inventions and had or have the full right to make assignment of the Inventions. I further covenant that the Inventions are unencumbered, and that no license has been granted to make, use, import, offer for sale or sell the Inventions.

PATENT REEL: 051730 FRAME: 0090 And for the consideration aforesaid, I agree individually and, if applicable, jointly, that I will communicate to the Assignee or the representatives thereof any facts known to me respecting the Inventions, and will, upon request but without expense to me, testify in any legal proceedings, sign all lawful papers, execute all documents in connection with the Application(s) and any Subsequent Filing, make all rightful oaths and declarations, and generally do all other and further lawful acts deemed necessary or expedient by the Assignee or by counsel for the Assignee to assist or enable the Assignee to obtain and enforce full benefits from the rights and interests assigned. My assignment shall be binding upon my heirs, executors, administrators and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors and/or assigns, as the case may be, of the Assignee.

The Commissioner of Patents and Trademarks is hereby authorized and requested to issue patents to the Assignee in accordance with the terms of my assignment.

ASSIGNEE: SHOPIFY COMMERCE GERMANY GmbH	BY: Christian Zacharias	
Zeughofster Str. 20 10997, Berlin, Germany	Director Engineering	
1077 t, 201 mil, Oct many	PRINTED NAME AND TITLE	
EXECUTED this: 2/5/2020	DocuSigned by: Unistian Eacharias SIGNATURE 1D3382AEAA984B1	
1. FULL NAME OF ASSIGNOR: Davide Vitiello	RESIDENCE: Berlin, GERMANY	
EXECUTED this:9/28/2019	Docusigned by: Davide Vitiello SIGNATURE	
2. FULL NAME OF ASSIGNOR: Lara Falque-Pierrotin	RESIDENCE: Paris, FRANCE	
EXECUTED this:9/30/2019	SIGNATURE	
3. FULL NAME OF ASSIGNOR: Yizhar Toren	RESIDENCE: Berlin, GERMANY	
EXECUTED this:10/8/2019	SIGNATURE	

PATENT REEL: 051730 FRAME: 0091

**RECORDED: 02/05/2020**