

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT8324572

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
XIAOLI LIANG	09/01/2021
KATHRYN TANG	09/01/2021
GREGORY CLARKE	09/07/2021
MILAN SRECKOVIC	09/01/2021
KUNAL KOHLI	09/01/2021
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	SHOPIFY INC.
<b>Street Address:</b>	151 O'CONNOR STREET, GROUND FLOOR
<b>City:</b>	OTTAWA
<b>State/Country:</b>	CANADA
<b>Postal Code:</b>	K2P 2L8
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	18536473
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<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>	
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<b>ATTORNEY DOCKET NUMBER:</b>	560-0041USP2
<b>NAME OF SUBMITTER:</b>	HUE-MI VUONG
<b>SIGNATURE:</b>	/Hue-Mi Vuong/
<b>DATE SIGNED:</b>	12/12/2023
<b>Total Attachments: 3</b>	
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## **ASSIGNMENT**

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

### **SYSTEMS AND METHODS FOR SERVER LOAD BALANCING BASED ON CORRELATED EVENTS**

for which a United States Patent application was filed on August 23, 2021, and bears Application Number 17/408,777;

(hereinafter "Application(s)")

WHEREAS, Shopify Inc., a Canadian corporation, having a place of business at 151 O'Connor Street, Ground floor, Ottawa, ON K2P 2L8, Canada (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.

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.

1. FULL NAME OF ASSIGNOR:  
**Xiaoli LIANG**

RESIDENCE:  
Toronto, ON  
CANADA

EXECUTED this: 9/1/2021

DocuSigned by:  
*Xiaoli Liang*  
SIGNATURE

2. FULL NAME OF ASSIGNOR:  
**Kathryn TANG**

RESIDENCE:  
Comox, BC  
CANADA

EXECUTED this: 9/1/2021

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*Kathryn Tang*  
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3. FULL NAME OF ASSIGNOR:  
**Gregory CLARKE**

RESIDENCE:  
Belleville, ON  
CANADA

EXECUTED this: 9/7/2021

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*Greg Clarke*  
SIGNATURE

Application No.: 17/408,777  
Attorney Docket No.: 560-0041USP1/P-10238-US-PAT

4. FULL NAME OF ASSIGNOR:  
**Milan SRECKOVIC**

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EXECUTED this: 9/1/2021 \_\_\_\_\_

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*Milan Sreckovic*  
F08B0D5CECED4C1...  
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5. FULL NAME OF ASSIGNOR:  
**Kunal KOHLI**

RESIDENCE:  
Toronto, ON  
CANADA

EXECUTED this: 9/1/2021 \_\_\_\_\_

DocuSigned by:  
*kunal kohli*  
4C66FC8453E74FA...  
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