

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT8190174

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
SHOPIFY UK LIMITED	09/27/2023
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	SHOPIFY INTERNATIONAL LIMITED
<b>Street Address:</b>	2ND FLOOR VICTORIA, BUILDINGS 1-2, HADDINGTON ROAD
<b>City:</b>	DUBLIN 4
<b>State/Country:</b>	IRELAND
<b>Postal Code:</b>	D04 XN32
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	17231237
<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>	
<b>Phone:</b>	613-241-2828
<b>Email:</b>	legalip@shopify.com
<b>Correspondent Name:</b>	SHOPIFY INC.
<b>Address Line 1:</b>	151 O'CONNOR STREET
<b>Address Line 2:</b>	GROUND FLOOR
<b>Address Line 4:</b>	OTTAWA, CANADA K2P 2L8
<b>ATTORNEY DOCKET NUMBER:</b>	P-10206-US-PAT
<b>NAME OF SUBMITTER:</b>	CHRISTA GOWE
<b>SIGNATURE:</b>	/Christa Gowe/
<b>DATE SIGNED:</b>	09/27/2023
<b>Total Attachments: 3</b>	
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source=P-10206-US-PAT_Inter-corp_Shopify UK Limited+International_Signed#page2.tif	
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## CONFIRMATION AND ASSIGNMENT

WHEREAS SHOPIFY INTERNATIONAL LIMITED, a corporation organized under the laws of Ireland, with its registered office located at 2<sup>nd</sup> Floor Victoria, Buildings 1-2, Haddington Road, Dublin 4, D04 XN32, Ireland (the "ASSIGNEE") and SHOPIFY UK LIMITED, a corporation registered in England and Wales, with its office located at 1 Bartholomew Lane, London, EC2N 2AX, United Kingdom, (the "ASSIGNOR") are parties to a Research & Development Services Agreement effective July 1, 2019 (the "R&D Agreement")

WHEREAS said R&D Agreement provides that ASSIGNEE shall be the exclusive owner of and have all intellectual property rights in and to certain work product arising from the performance of services rendered under R&D Agreement;

WHEREAS ASSIGNOR agrees that it has received full market consideration under the R&D Agreement; and

WHEREAS ASSIGNOR wishes to confirm that ASSIGNEE is the owner of all rights, title and interest of the ASSIGNOR in and to certain designs and inventions developed under the R&D Agreement ("Inventions") as described in applications for patents, design registrations, utility model registrations and other forms of protection ("Applications"), inclusive of any and all priority rights derived therefrom, and all ancillary rights relating thereto, and as listed in "Schedule A" attached hereto.

NOW THEREFORE, for valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR and ASSIGNEE, intending to be legally bound, agree as follows:

ASSIGNOR hereby confirms that it has transferred, conveyed and assigned, and by way of further assurance, to the extent that the transfer, conveyance or assignment has not already been fully effected, ASSIGNOR hereby transfers, conveys and assigns, any and all of its rights, title and interest in and to: the Inventions, the Applications; any further applications for patents, designs, utility models or other forms of protection, rights or titles for the whole or any part or parts of or improvements to the Inventions in any country or countries ("Further Applications") together with the right to file divisional applications, substitute applications and continuation applications of any one or more of the Applications and Further Applications ("Divisional") the right to obtain patents, design registrations, utility model registrations and all other forms of protection, rights and titles relating to the Inventions; and the right to obtain any extensions / supplementary protection certificates ("Extensions"); together with the right to bring proceedings to recover damages and/or to obtain other remedies for acts committed in respect of one or more of the aforesaid Inventions, Applications, Further Applications, Divisionals and Extensions, whether such acts are committed before or after the date of this assignment; with the intent that the Inventions, Applications, Further Applications Divisionals and Extensions are owned and enjoyed by ASSIGNEE absolutely to the full end of the term or terms for same.

ASSIGNOR hereby agrees, upon request, to provide assistance and to execute any and all further documents which may be necessary or desirable to enable ASSIGNEE or its successors and assigns (as applicable), to file, prosecute, bring proceedings and take other actions with respect to any and all of the Inventions, Applications, Further Applications, Divisionals and Extensions, and any and all patents and registrations granted thereon and other forms of protection, rights and titles relating thereto, and ASSIGNOR further agrees to execute, upon request, any and all further documents which may be necessary or desirable to vest or perfect the title of ASSIGNEE therein.

ASSIGNOR hereby authorizes and requests The Commissioner of Patents, or any equivalent authority, to issue the ASSIGNEE each and every patent, registration and other forms of protection, right and title granted upon the Applications, Further Applications, Divisionals and Extensions.

THIS ASSIGNMENT shall inure to the benefit of ASSIGNEE and its successors and assigns and shall be binding upon ASSIGNOR and its successors and permitted assigns.

IF ANY COVENANT OR PROVISION, or portion thereof, of this is determined to be void or unenforceable, such void or unenforceable covenant or provision, or portion thereof, is hereby conceded to be severable from the balance of this document, and any such determination shall not, in any event, affect or impair the validity of the balance of the covenant or provision, nor shall it affect or impair the validity of any other covenant or provision herein contained.

#### SHOPIFY INTERNATIONAL LIMITED

By: DocuSigned by:  
*Rob Guay*  
862C33360D9B46E Date: 9/27/2023  
Name: Robert Guay  
Title: Director, Associate General  
Counsel Intellectual Property, Shopify Inc.,  
representing Shopify International Limited  
under Power of Attorney

#### SHOPIFY UK LIMITED

By: DocuSigned by:  
*Rob Guay*  
862C33360D9B46E Date: 9/27/2023  
Name: Robert Guay  
Title: Director, Associate General  
Counsel Intellectual Property, Shopify Inc.,  
representing Shopify UK Limited  
under Power of Attorney

SCHEDULE "A" to Confirmation and Assignment

Country	Application No.	Filing Date MM-DD-YYYY	Title	Attorney file	Shopify file
US	17/231,237	04-15-2021	SYSTEMS AND METHODS FOR RESOLVING ERRORS IN DATASETS FOR ONLINE ORDERS	87871755	P-10206-US-PAT
[REDACTED]					

PATENT

REEL: 065041 FRAME: 0049

RECORDED: 09/27/2023