506783747 07/24/2021

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Todd A. Hagen	09/29/2018
Josh Michael Dingman	10/03/2018
Daniel Woods	09/18/2018
Donnie Tolbert	09/28/2018
Andrew Wipf	09/18/2018
Tomas Kadlec	09/20/2018
Donald John Armstrong	10/03/2018

RECEIVING PARTY DATA

Name:	TARGET BRANDS, INC.
Street Address:	1000 NICOLLET MALL
City:	MINNEAPOLIS
State/Country:	MINNESOTA
Postal Code:	55403

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	17345951	

CORRESPONDENCE DATA

Fax Number: (877)769-7945

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Correspondent Name: FISH & RICHARDSON P.C. **Address Line 1:** 60 SOUTH SIXTH STREET

Address Line 2: P.O.BOX 1022

Address Line 4: MINNEAPOLIS, MINNESOTA 55440-1022

ATTORNEY DOCKET NUMBER:	24230-0250002
NAME OF SUBMITTER:	KARINA SILVERSTEIN
SIGNATURE:	/Karina Silverstein/
DATE SIGNED:	07/24/2021

506783747 PATENT REEL: 056971 FRAME: 0547

Total Attachments: 8 source=24230-0250002#page1.tif source=24230-0250002#page2.tif source=24230-0250002#page3.tif source=24230-0250002#page4.tif source=24230-0250002#page5.tif source=24230-0250002#page6.tif source=24230-0250002#page7.tif source=24230-0250002#page8.tif

PATENT REEL: 056971 FRAME: 0548

ASSIGNMENT

For valuable consideration, the receipt of which we acknowledge, and intending to be bound legally, we, JOSH MICHAEL DINGMAN, TODD A. HAGEN, DANIEL WOODS, DONNIE TOLBERT, ANDREW WIPF, TOMAS KADLEC, and DONALD JOHN ARMSTRONG, each individually assigns to TARGET BRANDS, INC., a corporation formed under the laws of Minnesota and having a principal place of business at 1000 Nicollet Mall, Minneapolis, MN 55403, and its successors, transferees, and assignees (collectively the "Assignee"), all of our individual and joint right, title, and interest throughout the world in the invention(s) (the "Subject Matter") described in a patent application that names us as inventors, is titled "PHYSICAL SHOPPING CART HAVING FEATURES FOR USE IN CUSTOMER CHECKOUT OF ITEMS PLACED INTO THE SHOPPING CART," and was or will be filed in the United States Patent and Trademark Office on October 4, 2018, as application (the "Application"). We authorize the insertion of the filing date and application number above.

This Assignment assigns, in addition to the Subject Matter of the Application, (a) the Application and all other applications that may be made for, and all patents, utility models, design registrations, and other rights of exclusion and inventors' certificates for, any of the Subject Matter (collectively the "Applications and Granted Rights") in every country or region and under every treaty or convention, (b) the right to claim priority based on and the benefit of the filing date of any of the Applications and Granted Rights under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other applicable treaties or conventions, and (c) the right to pursue, collect, and retain in the Assignee's name or otherwise, damages and any other remedies arising from any past, present, or future infringement of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment.

We authorize the Assignee to apply for and pursue protection for any or all of the Subject Matter, the Applications and Granted Rights, and any other rights assigned by this Assignment in all countries, regions, and territories of the world, in our names or in the Assignee's name.

Assignment Page 1 of 8

We represent and warrant that we have the right and power to make this Assignment and that we have not made and will not make any other assignment that conflicts with this Assignment.

We will communicate to the Assignee (or, at the request of the Assignee to other parties) all known facts in any form relating to the Subject Matter; will execute and provide all oaths and declarations, statements, testimony, assignments, powers of attorney, applications, and documents; and will perform all other lawful acts necessary or desirable to secure fully to the Assignee the rights, titles, and interests assigned by this Assignment.

DATE: 10/3/2018

Jos**z** Michael Dingman

Tow How	DATE:	9/29/18	
Todd A. Hagen	• • • • • • • • • • • • • • • • • • • •		***************************************

Daniel Woods

DATE

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PATENT REEL: 056971 FRAME: 0553

Andrew Wipf

DATE

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V 6-- DATE: 9/60/2018

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DATE: 16 17 7018

Donald John Armstrong

RECORDED: 07/24/2021

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