

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT6524121

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
LUYEN LE	11/16/2020
SAIBAL BHATTACHARYA	01/20/2021
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:	16835917
CORRESPONDENCE DATA	
Fax Number:	
<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:	(612) 332-5300
Email:	jhoffman@merchantgould.com
Correspondent Name:	JULIANA HOFFMAN
Address Line 1:	P.O. BOX 2903
Address Line 2:	MERCHANT & GOULD P.C.
Address Line 4:	MINNEAPOLIS, MINNESOTA 55402-0903
ATTORNEY DOCKET NUMBER:	16386.247US01-201907645
NAME OF SUBMITTER:	JULIANA HOFFMAN
SIGNATURE:	/Juliana Hoffman/
DATE SIGNED:	01/29/2021
Total Attachments: 3	
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ASSIGNMENT

WHEREAS, we, **LUYEN LE** and **SAIBAL BHATTACHARYA**, made certain new and useful inventions and improvements for which we filed an application with the United States Patent and Trademark Office on March 31, 2020, application no. 16/835,917 which is entitled **OPTIMIZATION OF MARKDOWN SCHEDULES FOR CLEARANCE ITEMS AT PHYSICAL RETAIL**.

AND WHEREAS, Target Brands, Inc., a corporation organized and existing under and by virtue of the laws of the State of Minnesota, and having an office and place of business at 1000 Nicollet Mall, Minneapolis, MN 55403 (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

NOW THEREFORE, to all whom it may concern, be it known that for good and valuable considerations, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and the right(s) to claim priority thereto, and in and to the application, all patent applications based upon said application, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns.

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments

in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 16 day of

Nov, 20 20



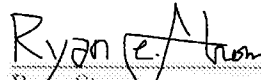
LUYEN LE
Inventor

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of

_____, 20____.

SAIBAL BHATTACHARYA
Inventor

Read and approved this 20th day of January, 2021 by:



Ryan Strom
Director Counsel & Authorized Signatory
Target Brands, Inc.

in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and vest in said Assignee, its successors or assigns the entire right, title and interest in and to the improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of _____, 20____.

LUYEN LE
Inventor

IN TESTIMONY WHEREOF, I have hereunto set my hand this 20th day of January, 2021.

S. Bhattacharya
SAIBAL BHATTACHARYA
Inventor

Read and approved this 20th day of January, 2021 by:

Ryan E. Strom
Ryan Strom
Director Counsel & Authorized Signatory
Target Brands, Inc.