

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT7475948

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
TIKHON JELVIS	05/13/2022
SAYON MAJUMDAR	03/28/2022
JUN QIN	08/09/2022
BO YANG	04/08/2022
YU GAO	05/16/2022
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:	17531106
CORRESPONDENCE DATA	
Fax Number:	(612)332-9081
<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:	16123325300
Email:	dchamberlin@merchantgould.com
Correspondent Name:	ANDREW J. LAGATTA
Address Line 1:	TARGET BRANDS, INC.
Address Line 2:	1000 NICOLLETT MALL, TPS-3165
Address Line 4:	MINNEAPOLIS, UNITED STATES 55403
ATTORNEY DOCKET NUMBER:	202100435-16386-0299US01
NAME OF SUBMITTER:	ANDREW J. LAGATTA
SIGNATURE:	/Andrew J. Lagatta/
DATE SIGNED:	08/09/2022
Total Attachments: 6	

source=ASSIGN-FullyExecuted-202100435-16386-0299US01#page1.tif
source=ASSIGN-FullyExecuted-202100435-16386-0299US01#page2.tif
source=ASSIGN-FullyExecuted-202100435-16386-0299US01#page3.tif
source=ASSIGN-FullyExecuted-202100435-16386-0299US01#page4.tif
source=ASSIGN-FullyExecuted-202100435-16386-0299US01#page5.tif
source=ASSIGN-FullyExecuted-202100435-16386-0299US01#page6.tif

ASSIGNMENT

WHEREAS, WE, **Tikhon Jelvis, Sayon Majumdar, Jun Qin, Bo Yang, and Yu Gao**, made certain new and useful inventions and improvements for which we filed the following applications with the United States Patent and Trademark Office on November 19, 2021, Application Serial No. 17/531,106, which is entitled **HIERARCHICAL DEMAND FORECASTING MODELING**.

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 consideration, 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 13 day of
May, 20 22.



Tikhon Jelvis
Inventor

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

Sayon Majumdar
Inventor

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____.

Tikhon Jelvis
Inventor

IN TESTIMONY WHEREOF, I have hereunto set my hand this 28th day of March, 2022.

Sayon Majumdar
Sayon Majumdar
Inventor

IN TESTIMONY WHEREOF, I have hereunto set my hand this 9th day of
August, 2022.



Jun Qin
Inventor

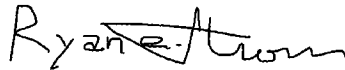
IN TESTIMONY WHEREOF, I have hereunto set my hand this _____ day of
_____, 20____.

Bo Yang
Inventor

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

Yu Gao
Inventor

Read and approved this 9th day of August, 2022 by:



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

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

Jun Qin
Inventor

IN TESTIMONY WHEREOF, I have hereunto set my hand this 8th day of April, 20 22.

Bo Yang
Inventor

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

Yu Gao
Inventor

Read and approved this _____ day of _____, 20 ____ by:

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

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

Jun Qin
Inventor

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

Bo Yang
Inventor

IN TESTIMONY WHEREOF, I have hereunto set my hand this 16th day of May, 2022.



Yu Gao
Inventor

Read and approved this _____ day of _____, 20____ by:

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