

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT6454222

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ANDREW KULEGE	10/16/2020
REED THUNSTROM	10/15/2020
JENNIFER REITER	10/15/2020
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:	16653697
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>	
Email:	jhoffman@merchantgould.com
Correspondent Name:	MERCHANT & GOULD P.C.
Address Line 1:	P.O. BOX 2903
Address Line 4:	MINNEAPOLIS, MINNESOTA 55402-0903
ATTORNEY DOCKET NUMBER:	16386.0180US01
NAME OF SUBMITTER:	JULIANA HOFFMAN
SIGNATURE:	/Juliana Hoffman/
DATE SIGNED:	12/16/2020
Total Attachments: 5	
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ASSIGNMENT

WHEREAS, we, **Andrew KULEDGE, Reed THUNSTROM, and Jennifer REITER** made certain new and useful inventions and improvements for which we filed an application with the United States Patent and Trademark Office on October 15, 2019, application no. 16/653,697 which is entitled **CLUSTERING MODEL ANALYSIS FOR BIG DATA ENVIRONMENTS**.

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 October, 2020.



Andrew KUZEDGE
Inventor

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

Reed THUNSTROM
Inventor

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____.


Andrew KULEGE
Inventor

IN TESTIMONY WHEREOF, I have hereunto set my hand this 15th day of October, 2020.



Reed THUNSTROM
Inventor

IN TESTIMONY WHEREOF, I have hereunto set my hand this 15th day of
October, 2020.



Jennifer REITER
Inventor

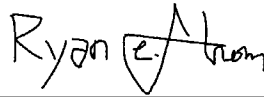
Read and approved this _____ day of _____, 20____ by:

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

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

Jennifer REITER
Inventor

Read and approved this 17th day of November, 2020 by:



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