506281718 09/30/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SHUMIN ZHANG	08/28/2020

RECEIVING PARTY DATA

BEIJING JINGDONG SHANGKE INFORMATION TECHNOLOGY CO., LTD.	
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BEIJING JINGDONG CENTURY TRADING CO., LTD.	
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17044119

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	157188.00113
NAME OF SUBMITTER:	PETER S. WEISSMAN
SIGNATURE:	/Peter S. Weissman/
DATE SIGNED:	09/30/2020

PATENT 506281718 REEL: 053947 FRAME: 0147

Total Attachments: 3

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PATENT REEL: 053947 FRAME: 0148 US Assignment statement for US application claiming priority of Chinese Application No.: CN 201810512219,8

ASSIGNMENT STATEMENT

As a below named inventor, I hereby declare that:

I believe I am the original inventor of a claimed invention in the application for which this declaration is being submitted and for which a patent is sought on the invention entitled:

]	METHOD AND APPARAT	TUS FOR CARRYING SHELF	
nereto i	(hereinafter referred	d to as INVENTION), the application of which is a	ittached
	(X) filed on	as United States Application No.	, OI
vas file	ed on <u>May 7, 2019</u> as PCT I	nternational Application, No. <u>PCT/CN2019/085783</u> .	

The above-identified application claims the priority of Chinese Patent Application No. 201810512219.8, entitled "METHOD AND APPARATUS FOR CARRYING SHELF" (in Chinese "用于搬运货架的方法和装置") filed on May 25, 2018,

The above-identified application was made or authorized to be made by me.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

I hereby authorize the firm of Insight Intellectual Property Attorneys, whose full post office address is 48A Zhichun Road, 19th Floor, Beijing, 100098, China, or the agent(s) of record in the United States to insert above the serial number and filing date of said application when known.

WHEREAS, I, ZHANG, Shumin (hereinafter referred to as ASSIGNOR), having a mailing address of 8th floor of building No. 76, Zhichun Road, Haidian District, Beijing, 100086, People's Republic of China, am the inventor of the INVENTION;

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WHEREAS, BEIJING JINGDONG SHANGKE INFORMATION TECHNOLOGY CO., LTD., having a usual place of business at 8th floor of building No. 76, Zhichun Road, Haidian District, Beijing, 100086, People's Republic of China; BEIJING JINGDONG CENTURY TRADING CO., LTD., having a usual place of business at Room 201, 2/F, Block C, No.18 Kechuang 11 Street, Economic and Technological Development Zone Beijing 100176, China (hereinafter referred to as ASSIGNEES), are desirous of acquiring the entire right, title and interest in and to the INVENTION and in and to any letters patent that may be granted therefor in the United States;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR hereby sells, assigns and transfers unto said ASSIGNEES, the entire right, title and interest in and to said INVENTION, said application and any and all letters patent which may be granted for said INVENTION in the United States of America and its territorial possessions including any extensions or adjustments in term thereof, and in any and all divisions, reissues and continuations thereof, including the right to sue and collect damages for past and present infringement of said letters patent; said INVENTION, application and all letters patent on said INVENTION to be held and enjoyed by ASSIGNEES and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNOR had this assignment, transfer and sale not been made. ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue all letters patent on said INVENTION to ASSIGNEES. ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of applications for United States letters patent on said INVENTION, for litigation regarding said letters patent, or for the purpose of protecting title to said INVENTION or letters patent therefor.

FURTHER, ASSIGNOR agrees that ASSIGNOR will communicate to said ASSIGNEES or its representatives any facts known to him respecting said INVENTION, and testify in any legal proceeding, sign all lawful papers, execute all papers relating to a continuation, division, continuation-in-part, extension, non-provisional or substitute thereof, including any corresponding right to claim priority from the patent application in the United States and its territorial possessions and any reissue, re-examination or extension of said letters patent, execute

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PATENT REEL: 053947 FRAME: 0150 US Assignment statement for US application claiming priority of Chinese Application No.: CN 201810512219.8

all necessary assignment papers to cause any and all of said letters patents to be issued to said ASSIGNEES, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEES, its successors and assigns, to obtain and enforce proper protection for said INVENTION in the United States and its territorial possessions.

FURTHER, ASSIGNOR and ASSIGNEES hereby authorize the firm of Insight Intellectual Property Attorneys, whose full post office address is 48A Zhichun Road, 19th Floor, Beijing, 100098, China, or the agent(s) of record in the United States to correct errors in this Assignment, or to insert any further identification or other information necessary or desirable to make this Assignment suitable for recordal in the United States Patent and Trademark Office.

Legal Name of Inventor: ZHANG, Shumin

zHANG SNUMM

2020. 8.28

Signature of Inventor

Date