505943425 03/02/2020

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	ASSIGNMENT		

#### **CONVEYING PARTY DATA**

Name	Execution Date
NINGSHENG ZHANG	05/06/2019

# **RECEIVING PARTY DATA**

Name:	EDGE SECURITY PRODUCTS, LLC				
Street Address:	9123 MAN OF WAR DRIVE				
City:	WAXHAW				
State/Country:	NORTH CAROLINA				
Postal Code:	28173				

## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16804708

### **CORRESPONDENCE DATA**

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**Correspondent Name:** NATHANIEL T. QUIRK

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ATTORNEY DOCKET NUMBER:	2068942/0000019
NAME OF SUBMITTER:	NATHANIEL T. QUIRK
SIGNATURE:	/NATHANIEL T. QUIRK, REG. NO. 60676/
DATE SIGNED:	03/02/2020

#### **Total Attachments: 3**

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> **PATENT REEL: 051973 FRAME: 0469** 505943425

#### ASSIGNMENT

WHEREAS, the undersigned inventor(s) (hereinafter singly and collectively, "ASSIGNOR") of the addresses indicated below, have invented subject matter disclosed and/or claimed in the US patent application entitled **BOX EDGE SECURITY DEVICE**, which was filed in the United States Patent and Trademark Office on April 3, 2018 under Application No. 15/944,283; and which claims priority to US Application No. 15/268,109 filed September 16, 2016; and

WHEREAS, EDGE SECURITY PRODUCTS, LLC (hereinafter "ASSIGNEE"), a corporation organized and existing under and by virtue of the laws of the state of North Carolina, having its principal place of business and mailing address at 9123 Man of War Drive, Waxhaw, North Carolina, 28173 US, is desirous of memorializing its interest therein;

NOW, THEREFORE, the undersigned ASSIGNOR hereby confirms that ASSIGNOR is a full time salaried employee, past employee or a contractor of ASSIGNEE and that ASSIGNOR developed the subject matter of the inventions on ASSIGNEE's time and at the expense of ASSIGNEE and within the scope of ASSIGNOR's duties to ASSIGNEE and thereby ASSIGNOR recognizes that the ASSIGNEE owns the inventions as described in the aforesaid application. Nonetheless to comport with Patent Office procedures, ASSIGNOR memorializes that relationship in the form of this assignment; and

THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR by these presents does sell, assign and transfer unto ASSIGNEE, its successors, assigns and legal representatives, the full and exclusive right to the inventions, as described in the aforesaid application, including patent, copyright and any other intellectual property rights, any provisional, non-provisional, continuation, continuation in part, divisional, reissue, reexamination, foreign, PCT, national stage, or other patent application or like document, or any other application which claims priority to said application, including the rights to sue for all past and future causes of action related to said inventions, in the United States and all foreign countries, together with the right to claim priority under the Paris Convention for the Protection of Industrial Property, International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements, and hereby authorizes and requests the Commissioner of Patents to issue said Letters Patent to ASSIGNEE, for the sole use and benefit of ASSIGNEE, its successors, assigns and legal representatives, and

HEREBY AGREES to transfer to ASSIGNEE, its successors, assigns and legal representatives, without further remuneration, a like interest in and to any improvements, related new matter, and derivative works, and applications based thereon, growing out of or relating to the inventions; and to provide all reasonable assistance and execute any papers, if accurate, desired by ASSIGNEE, its successors, assigns and legal representatives, to preserve, acquire and/or perfect ASSIGNEE's full protection and title in and to the inventions and any improvements and to file any of the aforementioned applications.

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PATENT REEL: 051973 FRAME: 0470

# **EXECUTED** as of the date(s) written below by ASSIGNOR:

Inventor:	Ningsheng	Zhang		·····		,			
Signature: _	_42	246	3	***************************************					
Residence A	.ddress:	9123 Mar	of War Dr	ive. Wa	xhaw.	NC :	28173	***************************************	
Citizenship:	US								1111 hours of 1990.
Date:	5/	6/20,	19	55	55	2000		3888 38 38	:::
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Blooms & Titles	Ningskene,	2 hang	CEO	55 55 55
Signature:				
Date:	5/2/2019			

EXECUTED below by ASSIGNEE:

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PATENT

REEL: 051973 FRAME: 0472

**RECORDED: 03/02/2020**