507971034 06/21/2023

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT8018171

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JINCHENG XIA	10/13/2016
JIANJUN GE	10/12/2016
ZHENJIANG YIN	10/13/2016
XIN CHEN	10/13/2016
YONGSHENG LIANG	10/13/2016
KAM HOI MA	10/13/2016

RECEIVING PARTY DATA

Name:	BISSELL HOMECARE, INC.
Street Address:	2345 WALKER AVENUE NW
City:	GRAND RAPIDS
State/Country:	MICHIGAN
Postal Code:	49544

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	18212396	

CORRESPONDENCE DATA

Fax Number: (616)222-2000

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.

Phone: 6167522000

Email: patents@wnj.com, pschumacher@wnj.com

Correspondent Name: WARNER NORCROSS + JUDD LLP - INTELLECTUAL PROPERTY

Address Line 1: 150 OTTAWA AVENUE NW

Address Line 2: SUITE 1500

Address Line 4: GRAND RAPIDS, MICHIGAN 49503

ATTORNEY DOCKET NUMBER:	022091.208318 (CEK)
NAME OF SUBMITTER:	CHAD E. KLEINHEKSEL
SIGNATURE:	/Chad E. Kleinheksel/
DATE SIGNED:	06/21/2023

PATENT 507971034 REEL: 064014 FRAME: 0547

Total Attachments: 6 source=208318_DecsAssigns#page1.tif source=208318_DecsAssigns#page2.tif source=208318_DecsAssigns#page3.tif source=208318_DecsAssigns#page4.tif source=208318_DecsAssigns#page5.tif source=208318_DecsAssigns#page6.tif

PATENT REEL: 064014 FRAME: 0548

DECLARATION AND ASSIGNMENT FOR PATENT AND DESIGN APPLICATIONS				
TITLE OF INVENTION:	SURFACE CLEANING APPARA	rus		
As a below named inventor,	I hereby declare that:			
This declaration is directed t	o:			
the attached applica	tion			
or United States Appli	cation Number or PCT International	Application Nu	imber filed on	
The above identified applica-	tion was made or authorized to be ma	de by me.		
I believe that I am the origina	al inventor or an original joint invent	or of a claimed	invention in the application.	
imprisonment of not more th			·	
In consideration of the sum of One Dollar (\$1.00), and other valuable and legally sufficient consideration, the receipt and adequacy of which I hereby acknowledge, I hereby sell, assign, and transfer unto BISSELL HOMECARE, INC., a corporation of the State of Michigan having its principal office and place of business in the City of Grand Rapids, County of Kent, State of Michigan, (hereinafter "Assignee"), its successors and assigns, my entire right, title, and interest in, to, and under the above identified application and the inventions disclosed therein; any Patents of the United States of America that may be obtained in respect thereof; any corresponding applications for Patent and Patents issuing therefor in all other areas of the world; and any reissues, extensions, substitutions, confirmations, divisions, and continuations of any of the foregoing (hereinafter "Invention Rights"), to have and to hold for the sole and exclusive use and benefit of Assignee, its successors and assigns forever.				
I hereby covenant and agree to assist and cooperate with Assignee in the preparation and prosecution of any applications included within the Invention Rights and in the prosecution or defense of any review, opposition, or other proceeding that may arise in connection with any applications or Patent included within the Invention Rights and further to execute and deliver to Assignee any and all additional papers that may be requested by Assignee for the purpose of implementing the terms of this Assignment.				
Given Name (first and middle	Given Name (first and middle [if any]) Family Name or Surname			
Jincheng		Xia		
Inventor's Signature	fincheng Xia	Dated	10/13/2016	
Witness Signature	<u> </u>	Dated		

An application data sheet (PTO/SB/14 or equivalent), including naming the entire inventive entity, must accompany this form. Use an additional PTO/AIA/01 form for each additional inventor.

PATENT

REEL: 064014 FRAME: 0549

DECLARATION AND ASSIGNMENT FOR PATENT AND DESIGN APPLICATIONS				
TITLE OF INVENTION:	SURFACE CLEANING APPARA	rus		
As a below named inventor,	I hereby declare that:			
This declaration is directed to	0;			
the attached applica	tion			
or United States Appli	cation Number or PCT International	Application Number filed on		
The above identified applicat	tion was made or authorized to be ma	de by me.		
I believe that I am the origina	al inventor or an original joint invento	or of a claimed invention in the application.		
imprisonment of not more that	an five (5) years, or both.	ation is punishable under 18 U.S.C. 1001 by fine or		
In consideration of the sum of One Dollar (\$1.00), and other valuable and legally sufficient consideration, the receipt and adequacy of which I hereby acknowledge, I hereby sell, assign, and transfer unto BISSELL HOMECARE, INC., a corporation of the State of Michigan having its principal office and place of business in the City of Grand Rapids, County of Kent, State of Michigan, (hereinafter "Assignee"), its successors and assigns, my entire right, title, and interest in, to, and under the above identified application and the inventions disclosed therein; any Patents of the United States of America that may be obtained in respect thereof; any corresponding applications for Patent and Patents issuing therefor in all other areas of the world; and any reissues, extensions, substitutions, confirmations, divisions, and continuations of any of the foregoing (hereinafter "Invention Rights"), to have and to hold for the sole and exclusive use and benefit of Assignee, its successors and assigns forever.				
I hereby covenant and agree to assist and cooperate with Assignee in the preparation and prosecution of any applications included within the Invention Rights and in the prosecution or defense of any review, opposition, or other proceeding that may arise in connection with any applications or Patent included within the Invention Rights and further to execute and deliver to Assignee any and all additional papers that may be requested by Assignee for the purpose of implementing the terms of this Assignment.				
Given Name (first and middle	[if any])	Family Name or Surname		
7.5				

	Family Name or Surname		
Jianjun X XX	Ge		
Inventor's Signature	Dated 12 2016		
Witness Signature	Dated		

DECLARATION AND ASSIGNMENT FOR PATENT AND DESIGN APPLICATIONS					
TITLE OF INVENTION:	SURFACE CLEANING APPARAT	rus			
As a below named inventor	, I hereby declare that:				
This declaration is directed	to:				
the attached applic	ation				
or United States App	lication Number or PCT International	Application Nu	mber	filed o	TI.
The above identified applic	ation was made or authorized to be ma	de by me.			
I believe that I am the origin	nal inventor or an original joint invento	or of a claimed i	nvention is	ı the apţ	olication.
I acknowledge that any will imprisonment of not more t	ful false statement made in this declar han five (5) years, or both.	ition is punishal	ble under 1	8 U.S.C	2. 1001 by fine or
In consideration of the sum of One Dollar (\$1.00), and other valuable and legally sufficient consideration, the receipt and adequacy of which I hereby acknowledge, I hereby sell, assign, and transfer unto BISSELL HOMECARE, INC., a corporation of the State of Michigan having its principal office and place of business in the City of Grand Rapids, County of Kent, State of Michigan, (hereinafter "Assignee"), its successors and assigns, my entire right, title, and interest in, to, and under the above identified application and the inventions disclosed therein; any Patents of the United States of America that may be obtained in respect thereof; any corresponding applications for Patent and Patents issuing therefor in all other areas of the world; and any reissues, extensions, substitutions, confirmations, divisions, and continuations of any of the foregoing (hereinafter "Invention Rights"), to have and to hold for the sole and exclusive use and benefit of Assignee, its successors and assigns forever.					
I hereby covenant and agree to assist and cooperate with Assignee in the preparation and prosecution of any applications included within the Invention Rights and in the prosecution or defense of any review, opposition, or other proceeding that may arise in connection with any applications or Patent included within the Invention Rights and further to execute and deliver to Assignee any and all additional papers that may be requested by Assignee for the purpose of implementing the terms of this Assignment.					
Given Name (first and midd	In Fix and I	Yamalin NT.	C	***************************************	
Zhenjiang	te (it sith)	Family Name Yin	or Surnam	<i>-</i>	
Inventor's Signature				20/6	
Witness Cianature	f. h. h.	Datad			

DECLAR	ATION AND ASSIGNMENT FOR PATENT AND DESIGN APPLICATIONS			
TITLE OF INVENTION:	SURFACE CLEANING APPARATUS			
As a below named inventor,	I hereby declare that:			
This declaration is directed to	o:			
the attached application	tion			
	cation Number or PCT International Application Number filed on			
The above identified applicat	tion was made or authorized to be made by me.			
I believe that I am the origina	I inventor or an original joint inventor of a claimed invention in the application.			
I 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.				
In consideration of the sum of One Dollar (\$1.00), and other valuable and legally sufficient consideration, the receipt and adequacy of which I hereby acknowledge, I hereby sell, assign, and transfer unto BISSELL HOMECARE, INC., a corporation of the State of Michigan having its principal office and place of business in the City of Grand Rapids, County of Kent, State of Michigan, (hereinafter "Assignee"), its successors and assigns, my entire right, title, and interest in, to, and under the above identified application and the inventions disclosed therein; any Patents of the United States of America that may be obtained in respect thereof; any corresponding applications for Patent and Patents issuing therefor in all other areas of the world; and any reissues, extensions, substitutions, confirmations, divisions, and continuations of any of the foregoing (hereinafter "Invention Rights"), to have and to hold for the sole and exclusive use and benefit of Assignee, its successors and assigns forever.				
I hereby covenant and agree to assist and cooperate with Assignee in the preparation and prosecution of any applications included within the Invention Rights and in the prosecution or defense of any review, opposition, or other proceeding that may arise in connection with any applications or Patent included within the Invention Rights and further to execute and deliver to Assignee any and all additional papers that may be requested by Assignee for the purpose of implementing the terms of this Assignment.				
Given Name (first and middle	Efformily November C.			

	Given Name (first and middle [if any])	Family Name or Surname		
Xin -1 -2,		Chen		
	Inventor's Signature りみ まれ	Dated $2016 - (0 - 13)$		
	Witness Signature	Dated		

DECLARATION AND ASSIGNMENT FOR PATENT AND DESIGN APPLICATIONS					
TITLE OF INVENTION:	SURFACE CLEANING APPARAT	rus			
As a below named inventor,	I hereby declare that:				
This declaration is directed t	o;				
the attached applies	ation				
	cation Number or PCT International	Application Nu	ımber	filed on	l
The above identified applica	tion was made or authorized to be ma	de by me.			
	al inventor or an original joint inventor ful false statement made in this declar				
In consideration of the sum of One Dollar (\$1.00), and other valuable and legally sufficient consideration, the receipt and adequacy of which I hereby acknowledge, I hereby sell, assign, and transfer unto BISSELL HOMECARE, INC., a corporation of the State of Michigan having its principal office and place of business in the City of Grand Rapids, County of Kent, State of Michigan, (hereinafter "Assignee"), its successors and assigns, my entire right, title, and interest in, to, and under the above identified application and the inventions disclosed therein; any Patents of the United States of America that may be obtained in respect thereof; any corresponding applications for Patent and Patents issuing therefor in all other areas of the world; and any reissues, extensions, substitutions, confirmations, divisions, and continuations of any of the foregoing (hereinafter "Invention Rights"), to have and to hold for the sole and exclusive use and benefit of Assignee, its successors and assigns forever.					
I hereby covenant and agree to assist and cooperate with Assignee in the preparation and prosecution of any applications included within the Invention Rights and in the prosecution or defense of any review, opposition, or other proceeding that may arise in connection with any applications or Patent included within the Invention Rights and further to execute and deliver to Assignee any and all additional papers that may be requested by Assignee for the purpose of implementing the terms of this Assignment.					
Given Name (first and middle [if any]) Family Name or Surname					
Given Name (first and middle [if any]) Yongsheng Liang		**************************************			
Inventor's Signature	WANT.	Dated	oct	13	2016
Witness Signature		Dated			

DECLARATION AND ASSIGNMENT FOR PATENT AND DESIGN APPLICATIONS			
TITLE OF INVENTION:	SURFACE CLEANING APPARATUS		
As a below named inventor, I hereby declare that:			
This declaration is directed to:			
the attached application			
or United States Application Number or PCT International Application Number filed on			
The above identified application was made or authorized to be made by me.			
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.			
I 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.			
In consideration of the sum of One Dollar (\$1.00), and other valuable and legally sufficient consideration, the receipt and adequacy of which I hereby acknowledge, I hereby sell, assign, and transfer unto BISSELL HOMECARE, INC., a corporation of the State of Michigan having its principal office and place of business in the City of Grand Rapids, County of Kent, State of Michigan, (hereinafter "Assignee"), its successors and assigns, my entire right, title, and interest in, to, and under the above identified application and the inventions disclosed therein; any Patents of the United States of America that may be obtained in respect thereof; any corresponding applications for Patent and Patents issuing therefor in all other areas of the world; and any reissues, extensions, substitutions, confirmations, divisions, and continuations of any of the foregoing (hereinafter "Invention Rights"), to have and to hold for the sole and exclusive use and benefit of Assignee, its successors and assigns forever.			
I hereby covenant and agree to assist and cooperate with Assignee in the preparation and prosecution of any applications included within the Invention Rights and in the prosecution or defense of any review, opposition, or other proceeding that may arise in connection with any applications or Patent included within the Invention Rights and further to execute and deliver to Assignee any and all additional papers that may be requested by Assignee for the purpose of implementing the terms of this Assignment.			
Given Name (first and middle [if any])		Family Name or Surname	
7		Ma	
Inventor's Signature	A.	Dated	13 007 16
Witness Signature	***************************************	Dated	

RECORDED: 06/21/2023

REEL: 064014 FRAME: 0554