04/18/2017 504327006

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4373691

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
XIONGCHENG WANG	03/07/2017
GUIWEN FU	03/07/2017
JINCHENG ZHU	03/07/2017
SHIKUN CHEN	03/07/2017
QIXIANG XIANG	03/07/2017
CHAORONG LUO	03/07/2017

RECEIVING PARTY DATA

Name:	ZHONGSHAN BROAD-OCEAN MOTOR CO., LTD.
Street Address:	SHALANG TOWN, NO. 3 INDUSTRIAL AREA, WEST DISTRICT
City:	ZHONGSHAN
State/Country:	CHINA
Postal Code:	528400

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	15490877	

CORRESPONDENCE DATA

Fax Number: (888)259-9223

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: 8882599211 X2330

USPTORECEIPT@GMAIL.COM Email:

MATTHIAS SCHOLL **Correspondent Name:** Address Line 1: 14781 MEMORIAL DRIVE

Address Line 2: **SUITE 1319**

Address Line 4: HOUSTON, TEXAS 77079

ATTORNEY DOCKET NUMBER:	ZSDY-17501-UUS
NAME OF SUBMITTER:	LARRY CHEN
SIGNATURE:	/Larry Chen/
DATE SIGNED:	04/18/2017

PATENT REEL: 042048 FRAME: 0814 504327006

Total Attachments: 6source=ZSDY-17501-UUS_Assignment#page1.tif source=ZSDY-17501-UUS_Assignment#page2.tif source=ZSDY-17501-UUS_Assignment#page3.tif source=ZSDY-17501-UUS_Assignment#page4.tif

source=ZSDY-17501-UUS_Assignment#page5.tif

source=ZSDY-17501-UUS_Assignment#page6.tif

PATENT REEL: 042048 FRAME: 0815

Attorney Docket Number	ZSDY-17501-UUS			
Title of Invention	EXTERNAL ROTOR MOTOR AND AIR CONDITIONER COMPRISING THE SAME			
		m the original inventor or an original joint lentified by the title above.	inventor (referred to as ASSIGNOR below) of a claimed	
WHEREAS	,	Zhongshan Broad-Ocean Moto	or CO., LTD.	
having a postal address of		Shalang Town, No. 3 Industrial Area, West District, Zhongshan, Guangdong, China, 528400		
(referred to	as ASSIGNEE be	elow) desires to acquire the entire right, tit	tle, and interest in and to the same in the United States;	
NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, ASSIGNOR, by these presents does sell, assign and transfer unto ASSIGNEE, the entire right, title, and interest in and to said invention and application throughout the United States of America, including any and all patents granted on any division, continuation, continuation-in-part, reexamination, and reissue of said application, whether granted in an initial or supplemental examination thereof.				to
ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent applications in the United States for said invention, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said invention and application, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE's expense, to identify and communicate to ASSIGNEE at ASSIGNEE's request documents and information concerning the invention that are within ASSIGNOR's possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument. ASSIGNOR's obligations under this instrument shall extend to ASSIGNOR's heirs, executors, administrators and other legal representatives.				İ
ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all patents referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE's sole use and behoof; and for the use and behoof of ASSIGNEE's legal representatives and successors, to the full end of the term for which such patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.			e r	
ASSIGNOR authorizes Practitioners associated with the Customer Number 33,794 to insert or complete any information in this document needed to effect its recordal in the U.S. Patent and Trademark Office and to record the same.			1	
LEGAL NA	AME OF ASSIGN	OR		
Assignor:	Xiongcheng \	WANG	Date:	
Signature:	/Xiongcheno	g WANG/		

PAGE 1 OF 6

Attorney Docket Number	ZSDY-17501-UUS
Title of Invention	EXTERNAL ROTOR MOTOR AND AIR CONDITIONER COMPRISING THE SAME
	, I believe that I am the original inventor or an original joint inventor (referred to as ASSIGNOR below) of a claimed the application identified by the title above.
WHEREAS	Zhongshan Broad-Ocean Motor CO., LTD.
having a po	stal address of
	Shalang Town, No. 3 Industrial Area, West District, Zhongshan, Guangdong, China, 528400
(referred to	as ASSIGNEE below) desires to acquire the entire right, title, and interest in and to the same in the United States;
ASSIGNOR said invent division, cor	N, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, the by these presents does sell, assign and transfer unto ASSIGNEE, the entire right, title, and interest in and to ion and application throughout the United States of America, including any and all patents granted on any intinuation, continuation-in-part, reexamination, and reissue of said application, whether granted in an initial or all examination thereof.
prosecution additional d further cons communica ASSIGNOR be required encompass	SIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, and maintenance of said application or any other patent applications in the United States for said invention, including ocuments that may be required to affirm the rights of ASSIGNEE in and to said invention and application, all without ideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE's expense, to identify and te to ASSIGNEE at ASSIGNEE's request documents and information concerning the invention that are within it's possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent ed within the terms of this instrument. ASSIGNOR's obligations under this instrument shall extend to ASSIGNOR's attors, administrators and other legal representatives.
referred to a use and bel which such	SIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all patents above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE's sole noof; and for the use and behoof of ASSIGNEE's legal representatives and successors, to the full end of the term for patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment to been made.
	SIGNOR authorizes Practitioners associated with the Customer Number 33,794 to insert or complete any information ment needed to effect its recordal in the U.S. Patent and Trademark Office and to record the same.
LEGAL NA	AME OF ASSIGNOR
Assignor:	Guiwen FU Date: 03/07/2017
Signature:	/Guiwen FU/

PAGE 2 OF $_6$

Attorney Docket Number	ZSDY-17501-UUS		
Title of Invention	EXTERNAL ROTOR MOTOR AND AIR CONDITIONER COMPRISING THE SAME		
	I believe that I am the original inventor or an original joint inventor (referred to as ASSIGNOR below) of a claimed the application identified by the title above.		
WHEREAS,	Zhongshan Broad-Ocean Motor CO., LTD.		
having a po	stal address of		
	Shalang Town, No. 3 Industrial Area, West District, Zhongshan, Guangdong, China, 528400		
(referred to	as ASSIGNEE below) desires to acquire the entire right, title, and interest in and to the same in the United States;		
NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, ASSIGNOR, by these presents does sell, assign and transfer unto ASSIGNEE, the entire right, title, and interest in and to said invention and application throughout the United States of America, including any and all patents granted on any division, continuation, continuation-in-part, reexamination, and reissue of said application, whether granted in an initial or supplemental examination thereof.			
ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent applications in the United States for said invention, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said invention and application, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE's expense, to identify and communicate to ASSIGNEE at ASSIGNEE's request documents and information concerning the invention that are within ASSIGNOR's possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument. ASSIGNOR's obligations under this instrument shall extend to ASSIGNOR's heirs, executors, administrators and other legal representatives.			
ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all patents referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE's sole use and behoof; and for the use and behoof of ASSIGNEE's legal representatives and successors, to the full end of the term for which such patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.			
ASSIGNOR authorizes Practitioners associated with the Customer Number 33,794 to insert or complete any information in this document needed to effect its recordal in the U.S. Patent and Trademark Office and to record the same.			
LEGAL NA	AME OF ASSIGNOR		
Assignor:	Jincheng ZHU Date: 03/07/2017		
Signature:	/Jincheng ZHU/		

PAGE 3 OF $_6$

Attorney Docket Number	ZSDY-17501-UUS
Title of Invention	EXTERNAL ROTOR MOTOR AND AIR CONDITIONER COMPRISING THE SAME
	I believe that I am the original inventor or an original joint inventor (referred to as ASSIGNOR below) of a claimed the application identified by the title above.
WHEREAS	Zhongshan Broad-Ocean Motor CO., LTD.
having a po	stal address of
	Shalang Town, No. 3 Industrial Area, West District, Zhongshan, Guangdong, China, 528400
(referred to	as ASSIGNEE below) desires to acquire the entire right, title, and interest in and to the same in the United States;
ASSIGNOR said invent division, cor	N, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, by these presents does sell, assign and transfer unto ASSIGNEE, the entire right, title, and interest in and to ion and application throughout the United States of America, including any and all patents granted on any attinuation, continuation-in-part, reexamination, and reissue of said application, whether granted in an initial or all examination thereof.
prosecution additional d further cons communica ASSIGNOR be required encompass	SIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, and maintenance of said application or any other patent applications in the United States for said invention, including ocuments that may be required to affirm the rights of ASSIGNEE in and to said invention and application, all without ideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE's expense, to identify and te to ASSIGNEE at ASSIGNEE's request documents and information concerning the invention that are within 's possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent ed within the terms of this instrument. ASSIGNOR's obligations under this instrument shall extend to ASSIGNOR's stors, administrators and other legal representatives.
referred to a use and bel which such	GIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all patents above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE's sole noof; and for the use and behoof of ASSIGNEE's legal representatives and successors, to the full end of the term for patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment to been made.
	SIGNOR authorizes Practitioners associated with the Customer Number 33,794 to insert or complete any information ment needed to effect its recordal in the U.S. Patent and Trademark Office and to record the same.
LEGAL NA	ME OF ASSIGNOR
Assignor:	Shikun CHEN Date: 03/07/2017
Signature:	/Shikun CHEN/

PAGE 4 OF 6

Attorney Docket Number	ZSDY-17501-UUS
Title of Invention	EXTERNAL ROTOR MOTOR AND AIR CONDITIONER COMPRISING THE SAME
	I believe that I am the original inventor or an original joint inventor (referred to as ASSIGNOR below) of a claimed the application identified by the title above.
WHEREAS	Zhongshan Broad-Ocean Motor CO., LTD.
having a po	stal address of
	Shalang Town, No. 3 Industrial Area, West District, Zhongshan, Guangdong, China, 528400
(referred to	as ASSIGNEE below) desires to acquire the entire right, title, and interest in and to the same in the United States;
ASSIGNOR said invent division, cor	N, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, by these presents does sell, assign and transfer unto ASSIGNEE, the entire right, title, and interest in and to ion and application throughout the United States of America, including any and all patents granted on any natinuation, continuation-in-part, reexamination, and reissue of said application, whether granted in an initial or all examination thereof.
prosecution additional d further cons communica ASSIGNOR be required encompass	SIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, and maintenance of said application or any other patent applications in the United States for said invention, including ocuments that may be required to affirm the rights of ASSIGNEE in and to said invention and application, all without ideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE's expense, to identify and te to ASSIGNEE at ASSIGNEE's request documents and information concerning the invention that are within 's possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent ed within the terms of this instrument. ASSIGNOR's obligations under this instrument shall extend to ASSIGNOR's stors, administrators and other legal representatives.
referred to a use and bel which such	GIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all patents above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE's sole noof; and for the use and behoof of ASSIGNEE's legal representatives and successors, to the full end of the term for patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment to been made.
	SIGNOR authorizes Practitioners associated with the Customer Number 33,794 to insert or complete any information ment needed to effect its recordal in the U.S. Patent and Trademark Office and to record the same.
LEGAL NA	ME OF ASSIGNOR
Assignor:	Qixiang XIANG Date: 03/07/2017
Signature:	/Qixiang XIANG/

PAGE 5 OF 6

Attorney Docket Number	ZSDY-1750	1-UUS	
Title of Invention	EXTERNAL	ROTOR MOTOR AND AIR COND	ITIONER COMPRISING THE SAME
		om the original inventor or an original joint inversellentified by the title above.	ntor (referred to as ASSIGNOR below) of a claimed
WHEREAS	,	Zhongshan Broad-Ocean Motor C	CO., LTD.
having a po	stal address of		
		Shalang Town, No. 3 Industrial Al Zhongshan, Guangdong, China, S	
(referred to	as ASSIGNEE b	elow) desires to acquire the entire right, title, a	nd interest in and to the same in the United States;
NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, ASSIGNOR, by these presents does sell, assign and transfer unto ASSIGNEE, the entire right, title, and interest in and to said invention and application throughout the United States of America, including any and all patents granted on any division, continuation, continuation-in-part, reexamination, and reissue of said application, whether granted in an initial or supplemental examination thereof.			
ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent applications in the United States for said invention, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said invention and application, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE's expense, to identify and communicate to ASSIGNEE at ASSIGNEE's request documents and information concerning the invention that are within ASSIGNOR's possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument. ASSIGNOR's obligations under this instrument shall extend to ASSIGNOR's heirs, executors, administrators and other legal representatives.			
ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all patents referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE's sole use and behoof; and for the use and behoof of ASSIGNEE's legal representatives and successors, to the full end of the term for which such patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.			
ASSIGNOR authorizes Practitioners associated with the Customer Number 33,794 to insert or complete any information in this document needed to effect its recordal in the U.S. Patent and Trademark Office and to record the same.			
LEGAL N	AME OF ASSIGN	IOR	
Assignor:	Chaorong Ll	JO	Date: 03/07/2017
	Chaorong l	UO/	
Signature:		,	

PAGE 6 OF $_6$

PATENT REEL: 042048 FRAME: 0821