01/02/2019 505259435

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Zhi XU	12/14/2018

RECEIVING PARTY DATA

Name:	SHANDONG YUNQING ENVIROMENTAL SCI-TECH CO., LTD	
Street Address:	Room 501, 198 Bole Road	
Internal Address:	Innovation Zone	
City:	Jinan, Shandong	
State/Country:	China	
Postal Code:	250101	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16314839

CORRESPONDENCE DATA

Fax Number: (703)836-2787

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: 703-836-6400 Email: email@oliff.com Correspondent Name: **GANG LUO** Address Line 1: **OLIFF PLC**

Address Line 2: P.O. BOX 320850

Address Line 4: ALEXANDRIA, VIRGINIA 22320-4850

ATTORNEY DOCKET NUMBER:	184425
NAME OF SUBMITTER:	CYNTHIA KLINE
SIGNATURE:	/Cynthia Kline/
DATE SIGNED:	01/02/2019
This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 2

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> PATENT REEL: 047884 FRAME: 0802 505259435

ASSIGNMENT (BEING FILED FOR DUAL PURPOSE UNDER 37 CFR 1.63(e)) For Application with Filing Date on or after September 16, 2012

ASSIGNMENT

	Insert	(1)	Zhi XU	(2)	
(8-1)	Legal Name(s)	(3)		(4)	
	of Inventor(s)	(5)		(6)	
		(7)		(8)	
		In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, the receipt and sufficiency of which are hereby acknowledged, each undersigned agrees to assign, and hereby does assign, transfer and set over to			
(9)	Insert Name of Assignee	(9)	(9) SHANDONG YUNQING ENVIROMENTAL SCI-TECH CO., LTD		
18)	Insert Address of Assignce	(10) Room 501 198 Bole Road, Innovation Zone Jinan, Shandong 250101, CHINA			
		the en invent contin	ire right, title and interest for i ion, and in all applications for uation, international, substitute	nce) and Assignce's heirs, successors, assigns and legal representative the United States of America as defined in 35 U.S.C. §100, in the patent including any and all provisional, non-provisional, divisional and reissue application(s), and all Letters Patent, extensions, reissue and reissue application in the invention known as	
Insert Identification Such as Title, Case Number, or Foreign Application Number	(11)		ET DUST REMOVAL APPARATUS ACHIEVING WATER D DUST REMOVAL METHOD		
		(Attor	ney Docket No. 184425), filed on even date herewith or as	
12)	Alternative Identification for	(12)	U.S. Application Number	16/314,839	
	filed applications	filed	January 2, 2019		

- Each undersigned agrees to execute all papers necessary in connection with any application and/or patent for the invention and also
 to execute separate assignments in connection with such applications and patents as the Assignee may deem necessary.
- 2) Each undersigned agrees to execute all papers necessary in connection with any interference or post-grant proceeding which may be declared concerning any application or patent for the invention and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or post-grant proceeding.
- 3) Each undersigned agrees to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.
- 4). Each undersigned agrees to perform all affirmative acts which may be necessary to obtain, maintain or confirm by reissue or reexamination a grant of a valid United States patent to the Assignee.
- 5) Each undersigned authorizes and requests the Commissioner of the U.S. Patent and Trademark Office to issue any and all patents resulting from said application(s) to the said Assignee, as Assignee of the entire interest, and covenants that he or she has full right to convey the entire interest herein assigned, and that he or she has not executed, and will not execute, any agreement(s) in conflict herewith, and agrees that this assignment is binding on Assignor and Assignor's heirs, successors, assigns and legal representatives.
- 6). Each undersigned hereby grants the firm of OLIFF PLC the power to insert on this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

(13) Beclaration

As an above named inventor, I hereby declare that:

I believe I am the original inventor or an original joint inventor of a claimed invention (or claimed design) in the above-identified application for which this declaration is being submitted.

The application was made or authorized to be made by me.

I have reviewed and understand the contents of the above-identified application, including the claims, and am aware of the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 CFR §1.56.

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

PATENT REEL: 047884 FRAME: 0803 In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date	December 14, 2013	Inventor Signature	が存立 Zhi XU	(SEAL)
Date		Inventor Signature	-	(SEAL)
Date		Inventor Signature		(SEAL)
Date		Inventor Signature	;;	(SEAL)
Date		Inventor Signature.	<u></u>	_ (SEAL)
Date		Inventor Signature	· · · · · · · · · · · · · · · · · · ·	(SEAL)
Date		Inventor Signature		(SEAL)
Date		Inventor Signature		(SEAL)
neither,	This assignment should preferably be signed then it should be signed before at least two wi	before: (a) a Notary Pub tnesses who also sign he	dic if within the U.S.A. (b) a U.S. Consul if outside there.	e U.S.A. If
Date	Delamber 14,2013	Witness	118V2	
Date	December 14, 2018	Witness	尹胜争	i