PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3901457

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
BOWEN XUE	06/03/2016
YACONG ZHANG	06/03/2016
JIANDONG GUO	06/03/2016
WEIDONG LIU	06/03/2016
YAO ZHENG	06/03/2016

RECEIVING PARTY DATA

Name:	CITIC DICASTAL CO., LTD
Street Address: 185 LONGHAI AVENUE, ECONOMIC & TECHNOLOGICAL	
Internal Address:	DEVELOPMENT ZONE
City:	QINHUANGDAO, HEBEI
State/Country:	CHINA
Postal Code:	066011

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	15172496	

CORRESPONDENCE DATA

Fax Number:

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.

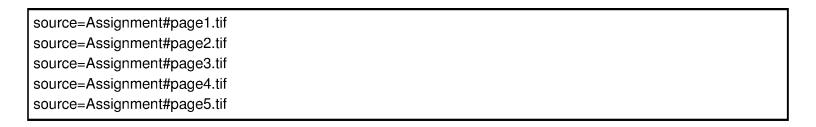
Phone: 703-740-8322

Email: patent@maierandmaier.com
Correspondent Name: MAIER & MAIER, PLLC

Address Line 1: 345 SOUTH PATRICK STREET Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	06910021US
NAME OF SUBMITTER:	CHRISTOPHER J. MAIER
SIGNATURE:	/Christopher J. Maier/
DATE SIGNED:	06/03/2016

Total Attachments: 5



Title of Invention: Improved On-line Deburring Device of Wheel Valve Hole

	DECLA	RATION	
As a below nan Phis declaration	ned inventor, I hereby declare that: n is directed to:		
	error or 3, 1, Continuo on		(M. J
	United States application or PCT international a	pplication number	, med on
aventor of a cla actuding the cla	tified application was made or authorized to be maimed invention in the application. I have review aims, and any claim amendments made in the appartability as defined in 37 CFR 1.56. Wiedge that any willful false statement made in the	dication. I acknowledge t	he duty to disclose all information which is
mprisonment o	of not more than five (5) years, or note. ASSE	SNMENT	
<u>Oinhuangdao. I</u> ine Deburring hereinafter refe 03	I, Yao Zheng, whose post office address is 185 L. Hebei, P. R. China 066011, hereinafter referred to be Device of Wheel Valve Hole erred to as the INVENTION) for which the above ap -JUN-2016 Serial No.:1517.	plication for United States	Letters Patent was
established by l	PCT International Patent Application No.:		infed:
designating the WHEREAS, Qinhuanedao, 1	: United States of America; . <u>CITIC Dicastal CO., LTD.</u> whose post office add <u>Hebei, P. R. China 066011</u> , hereinafter referred to	ress is 185 Longhai Avenu	e, Economic & Technological Development Zone
NOW, THE	the United States; REFORE, for good and valuable consideration, re it transfer unto said Assigner, the entire right, title of America, including any and all Letters Patent gr	and interest in 200 TO Sale	I INVENTING SEED SEPARATION SHOWS AND AND
maintenance of that may be red without further information on behalf of Assispolication of Assispolication of Assispolication of Also, Assispolication of about and for the use be granted, as Assispolication offect its re	GIGNOR hereby agrees to execute any documents the first said application or any other patent application (so quired to affirm the rights of ASSIGNEE in and to so reconsideration and at ASSIGNEE's expense, to identify the INVENTION that are within ASSIGNOR if patent encompassed within the terms of this instruction, executors, administrators and other legal representatives and behoof of ASSIGNEE's legal representatives as fully and entirely as the ASSIGNEE of the entire right authorizes any member of the firm of Maier & Cordal in the U.S. Patent and Trademark Office.	i) in the United States for said INVENTION, all without tify and communicate to A's possession or control, a n respect of the prosecutionent. Assignor's obligates entatives. Tof the U.S. Patent and Total, title and interest in and and successors, to the full only by Assignore had this and the said by Assignore had the said the s	further consideration. Assignor also agrees, Assigner at Assigner's request documents and ad to provide further assurances and testimony on an intenance and defense of any patent tions under this instrument shall extend to rademark office to issue any and all Letters Patent to the same, for Assigner's sole use and behoof; and of the term for which such Letters Patent may assignment and sale not been made.
	of Inventor: Yao Zheng	<i>F</i>	~ /
	. Zheng	X b. Date	3,2016
Inventor's Sig	gnature 🗸	,	

Title of Invention: Improved On-line Deburring Device of Wheel Valve Hole

	DECL	<u>ARATION</u>	
As a below nar	med inventor, I hereby declare that:		
	on is directed to:		
	The attached application, or United States application or PCT international	application number	filed on
nventor of a clinical of the clinical to note the clinical to note the clinical to note the clinical to note the clinical transfer to the clinical transfer transfer to the clinical transfer tra	offied application was made or authorized to be relaimed invention in the application. I have review laims, and any claim amendments made in the apentability as defined in 37 CFR 1.56. where that any willful false statement made in	plication. Lacknowledge	the duty to disclose all information which is
mereny ackno- mprisonment (of not more than five (5) years, or both.	GNMENT	
Qinhuangdao, I ine Deburring hereinafter ref	i, I, <u>Jiandong Guo</u> whose post office address is <u>18</u> Hebei, P. R. China 066011, hereinafter referred to Device of Wheel Valve Hole ferred to as the INVENTION) for which the above as 3-JUN-2016 Serial No.:151	oplication for United States	Letters Patent was
ned on:	PCT International Patent Application No.:		filed:
designating the WHEREAS, Oinhuangdao. to the same in t NOW, THE	c United States of America; , <u>CITIC Dicastal CO., LTD.</u> whose post office add Hebei, P. R. China 066011, hereinafter referred to the United States; REFORE, for good and valuable consideration, r	fress is 185 Longhai Avenu as Assigned, is desirous of eccipt of which is hereby a and interest in and to sain	te. Economic & Technological Development Zone of acquiring the entire right, title and interest in an oknowledged, I, Assignor, by these presents do d INVENTION and application throughout the
United States (of America, including any and all Letters Patent g	ranted on any division, con	tinuation, continuation-in-part and reissue of said
maintenance of that may be re- without furthe information of behalf of Assi application or Assignor's he ALSO, Ast referred to about and for the usibe granted, as ASSIGNO to effect its re-	SIGNOR hereby agrees to execute any documents the said application or any other patent application of said application or any other patent application of quired to affirm the rights of ASSIGNEE in and to be consideration and at ASSIGNEE'S expense, to ide concerning the INVENTION that are within ASSIGNOR IGNEE that lawfully may be required of ASSIGNOR patent encompassed within the terms of this instructs, executors, administrators and other legal representatives ove to ASSIGNEE, as the ASSIGNEE of the entire right and behoof of ASSIGNEE's legal representatives a fully and entirely as the same would have been here authorizes any member of the firm of Maier & recordal in the U.S. Patent and Trademark Office.	s) in the United States for a said INVENTION, all without nitify and communicate to A 2's possession or control, a in respect of the prosecutionment. Assignor's obligates entatives. For of the U.S. Patent and Total, title and interest in and and successors, to the full control of the Assignor had this control.	I further consideration. Assignor also agrees, Assignee at Assignee's request documents and and to provide further assurances and testimony on on, maintenance and defense of any patent tions under this instrument shall extend to rademark office to issue any and all Letters Patent to the same, for Assignee's sole use and behoof; and of the term for which such Letters Patent may assignment and sale not been made.
•	of Inventor: <u>Handong Guo</u>		
x lian	dong Guo		-3. W/b
Inventor's Sig	gnature 4	Date	

Title of Invention: Improved On-line Deburring Device of Wheel Valve Hole

<u>DECLARATION</u>
As a below named inventor, I hereby declare that: This declaration is directed to:
The attached application, or United States application or PCT international application number, filed on
The above-identified application was made or authorized to be made by me. I believe I am the original inventor or an original joint eventor of a claimed invention in the application. I have reviewed and understood the contents of the above-identified application, recluding the claims, and any claim amendments made in the application. I acknowledge the duty to disclose all information which is a content to retentiability as defined in 37 CFR 1.56.
hereby acknowledge that any willful false statement made in this declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both. ASSIGNMENT
WHEREAS, I, Bowen Xue whose post office address is 185 Longhai Avenue, Economic & Technological Development Zone, Dinhuangdao, Hebei, P. R. China 066011, hereinafter referred to as ASSIGNOR, am the owner of useful improvements in Improved On- ine Deburring Device of Wheel Valve Hole
to the Annual to a the Engraphical for which the above application for Council states a state when
iled on: filed:
established by PCT International Patent Application No.:
designating the United States of America;
designating the United States of America, WHEREAS, CITIC Dicastal CO., LTD, whose post office address is 185 Longhai Avenue, Economic & Technological Development Zone, whereas, citic description the entire right, title and interest in and
WHEREAS, CITIC Disastat CO., LID, whose post office assets to 22 per
to the same in the United States; NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, I, Assignor, by these presents do now, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, I, Assignor, by these presents do now, THEREFORE, for good and valuable consideration, and interest in and to said Invention and application throughout the sell, assign and transfer unto said Assigner, the entire right, title, and interest in and to said Invention and application throughout the united States of America, including any and all Letters Patent granted on any division, continuation, continuation—in-part and reissue of said
ALSO, 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 application(s) 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, all without further consideration. Assignor also agrees, without further consideration and at Assigner'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. ALSO, ASSIGNOR hereby authorizes and requests the Director of the U.S. Patent and Trademark office to issue any and all Letters Patent 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 Letters 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 any member of the firm of Maier & Maier, PLLC to insert or complete any information in this document needed to effect its recordal in the U.S. Patent and Trademark Office.
Legal Name of Inventor: Bowen Xue
x Bowen Xue x 6.3.2016
Invenior's Signature Date

Title of Invention: Improved On-line Deburring Device of Wheel Valve Hole

		DECLA	RATION	
	med inventor, I hereby	declare that:		
This declaration	m is directed to:			
	The attached applica	tion, or		filed on
	United States applic	ation or PC1 international a	ppucation number	, filed on
inventor of a clincluding the cl material to pate	laimed invention in the laims, and any claim a entability as defined in	application. I have reviewed mendments made in the app 37 CFR 1.56.	ed and understood the co lication. I acknowledge	the original inventor or an original joint ntents of the above-identified application, the duty to disclose all information which is
I hereby acknor imprisonment of	wledge that any willfu of not more than five (5) years, or both.	is declaration is punisha NMENT	ble under 18 USC 1001 by fine or
Qinhuangdao, I line Deburring	<u>Hebei, P. R. China 066</u> Device of Wheel Valv	011, hereinafter referred to a	s Assignor, am the owne	ric & Technological Development Zone. er of useful improvements in Improved On- Letters Patent was
	3-JUN-2016		496 ; or	
notablished by	PCT International Pate	or Application No.:		filed:
declarating the	United States of Amer	dear		
PARTHUM	CITIC Dieastal CO	TD whose post office addr	ess is 185 Longhai Avenu	e, Economic & Technological Development Zone
Withwarden	Helici P. R. China 866	011 hereinafter referred to a	s Assignee, is desirous o	f acquiring the entire right, title and interest in an
	the United States;	<u> </u>	· · · · · · · · · · · · · · · · · · ·	
NOW THE	REFORE for good an	d valuable consideration, rec	eipt of which is hereby a	cknowledged, I, Assignor, by these presents do
cell sector and	I transfer unto said Ass	IGNEE, the entire right, title,	and interest in and to said	INVENTION and application throughout the
United States o	of America including a	ny and all Letters Patent gra	nted on any division, con	tinuation, continuation-in-part and reissue of said
application.	ac remorious, moroday, v		•	
AI CO Acc	rowon hereby sorees to	execute any documents that	t legally may be required	in connection with the filing, prosecution and
opa secretairam	and application or an	v other natent application(s)	in the United States for s	aid INVENTION, including additional documents
that rees be re	ouired to affirm the rig	hts of Assignee in and to sai	d Invention, all without	further consideration. ASSIGNOR also agrees,
minimay oo ist	consideration and at 4	scioner's expense to identi	fy and communicate to A	SSIGNEE at Assignee's request documents and
information 20	meaning the INVENTIO	n that are within ASSIGNOR'S	nossession or control, ar	nd to provide further assurances and testimony on
habatfaf Accu	cupp that lawfully may	be required of ASSIGNOR in	respect of the prosecution	n, maintenance and defense of any patent
and artisa ar	mateur cacomassed w	ithin the terms of this instruc	nent Assignor's obligat	ions under this instrument shall extend to
Assignor's he	rirs, executors, adminis	trators and other legal repres ses and requests the Director	entatives. of the U.S. Patent and Tra	ademark office to issue any and all Letters Patent
	to Approximit ac the	Assistant of the entire right	title and interest in and t	to the same, for Assigner's sole use and behoor,
and for the use	and behoof of ASSIGN	EE's legal representatives an	d successors, to the full e	nd of the term for which such Letters Patent may
be oranted as	fully and entirely as th	e same would have been held	d by Assignor had this a	ssignment and sale not been made.
ASSIGNOI	R authorizes any memb	er of the firm of Maier & M	laier, PLLC to insert or co	emplete any information in this document needed
to effect its rec	cordal in the U.S. Pater	nt and Trademark Office.		
Langt Name	E Ingganton Waidana F	iti		
	f Inventor: Weidong L			- 3/ 6 2
X	Werdong L	ru	<u>X</u>	7016.6.)
Inventor's Sig			Date	

Title of Invention: Improved On-line Deburring Device of Wheel Valve Hole DECLARATION As a below named inventor, I hereby declare that: This declaration is directed to: The attached application, or United States application or PCT international application number _______, filed on ______ The above-identified application was made or authorized to be made by me. I believe I am the original inventor or an original joint inventor of a claimed invention in the application. I have reviewed and understood the contents of the above-identified application, including the claims, and any claim amendments made in the application. I acknowledge the duty to disclose all information which is material to patentability as defined in 37 CFR 1.56. I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both. ASSIGNMENT WHEREAS, I, Yacong Zhang, whose post office address is 185 Longhai Avenue. Economic & Technological Development Zone, Oinhuangdao, Hebei, P. R. China 066011, hereinafter referred to as ASSIGNOR, am the owner of useful improvements in improved Online Deburring Device of Wheel Valve Hole (hereinafter referred to as the INVENTION) for which the above application for United States Letters Patent was filed on: 03-JUN-2016 Serial No.: 15172496 ; or established by PCT International Patent Application No.: _______filed:______ designating the United States of America; WHEREAS, CITIC Dicastal CO., LTD, whose post office address is 185 Longhai Avenue, Economic & Technological Development Zone. Oinhuangdao, Hebei, P. R. China 066011, hereinafter referred to as Assigner, is desirous of acquiring the entire right, title and interest in and to the same in the United States; NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, I, ASSIGNOR, by these presents do sell, assign and transfer unto said ASSIGNEE, the entire right, title, and interest in and to said INVENTION and application throughout the United States of America, including any and all Letters Patent granted on any division, continuation, continuation-in-part and reissue of said application. ALSO, 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 application(s) 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, all without further consideration. ASSIGNOR also agrees, without further consideration and at Assigner's expense, to identify and communicate to Assigner at Assigner'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. ALSO, Assignor hereby authorizes and requests the Director of the U.S. Patent and Trademark office to issue any and all Letters Patent 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 Letters 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 any member of the firm of Maier & Maier, PLLC to insert or complete any information in this document needed to effect its recordal in the U.S. Patent and Trademark Office. Legal Name of Inventor: Yacong Zhang x 6.3.2016 x Cong Zhang
Invenior's Signature

> PATENT REEL: 038797 FRAME: 0175

RECORDED: 06/03/2016