

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT5708746

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
BOWEN XUE	06/26/2018
HUJUN WU	06/24/2019
JIANDONG GUO	06/26/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	CITIC DICASTAL CO., LTD
<b>Street Address:</b>	185 LONGHAI AVENUE
<b>Internal Address:</b>	ECONOMIC & TECHNOLOGICAL DEVELOPMENT
<b>City:</b>	QINHUANGDAO, HEBEI
<b>State/Country:</b>	CHINA
<b>Postal Code:</b>	066011
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16564846
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(616)957-8196
<i>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.</i>	
<b>Phone:</b>	6169499610
<b>Email:</b>	ptomail@priceheneveld.com
<b>Correspondent Name:</b>	PRICE HENEVELD LLP
<b>Address Line 1:</b>	695 KENMOOR SE
<b>Address Line 2:</b>	P O BOX 2567
<b>Address Line 4:</b>	GRAND RAPIDS, MICHIGAN 49501
<b>ATTORNEY DOCKET NUMBER:</b>	COT003 P323
<b>NAME OF SUBMITTER:</b>	BRIAN E. AINSWORTH
<b>SIGNATURE:</b>	/Brian E. Ainsworth/
<b>DATE SIGNED:</b>	09/09/2019
	This document serves as an Oath/Declaration (37 CFR 1.63).
<b>Total Attachments: 6</b>	

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COMBINED ASSIGNMENT AND DECLARATION FOR UTILITY OR  
DESIGN APPLICATION USING AN APPLICATION DATA SHEET

As a below named inventor, I hereby declare:

I believe I am the original inventor or an original joint inventor of a claimed invention for which a patent is sought on the invention entitled DETECTION DEVICE, the application of which is attached hereto.

The above-identified application was made or authorized to be made by me.

I acknowledge the duty to disclose to the United States Patent and Trademark Office (the Office), all information which is known by me to be material to patentability as defined in Title 37, Code of Federal Regulations (C.F.R.), Section 1.56.

I hereby 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.

Citic Dicastal Co., Ltd, a corporation of the Country of China, having a place of business at 185 Longhai Avenue Economic & Technological Development Zone Qinhuangdao Hebei 066011, China, (hereinafter referred to as Assignee) is desirous of acquiring the entire right, title and interest in and to said invention and in and to any patent that may be granted therefor in the United States and in any and all foreign countries.

In consideration of the sum of one dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable considerations, I hereby sell, assign and transfer to the Assignee the full and exclusive right, title and interest the invention in the United States and in all foreign countries and the entire right, title and interest in and to any and all patents which may be granted therefor in the United States and in any and all foreign countries and in and to any and all divisions, reissues, continuations, continuation-in-part, and extensions thereof including the full right to claim for any such applications the benefits of the International Convention, and including the right to obtain a reasonable royalty pursuant to 35 U.S.C. § 154(d) upon publication of any such United States applications.

I hereby authorize and request the Patent Office Officials in the United States and in any and all foreign countries to issue any and all of such patents, when granted, to the Assignee as the owner of the entire right, title and interest in and to the same, for the sole use and benefit of the Assignee, its successors and assigns.

I agree to communicate to the Assignee or its representatives any facts known to me respecting the invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, continuation-in-part, substitution, renewal, and reissue applications, execute all

necessary assignment papers to cause any and all of the patents to be issued to the Assignee, make all rightful oaths and generally do everything possible to aid the Assignee, its successors and assigns, to obtain and enforce proper protection for the invention in the United States and in any and all foreign countries.

Bowen XUE

Legal Name of Inventor

Bowen XUE

Signature

2018. 6. 26

Date

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WU, Hujun  
Legal Name of Inventor

WU, Hujun  
Signature

2019.6.24  
Date

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Jiandong GUO  
Legal Name of Inventor

Jiandong Guo  
Signature

2018. 6. 26  
Date