

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
HUINING XU	11/28/2019
JIANFENG LIU	11/28/2019
YAN WAN	11/29/2019
JIANLIANG PEI	11/29/2019
LU WANG	11/29/2019
CHUNPING WANG	11/29/2019
QIANGXING ZHANG	11/28/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	SICHUAN UNIVERSITY
<b>Street Address:</b>	NO. 24, SOUTH SECTION OF YIHUAN ROAD, WUHOU DISTRICT, CHENGDU, SICHUAN PROVINCE, CHINA
<b>City:</b>	CHENGDU
<b>State/Country:</b>	CHINA
<b>Name:</b>	CHENGDU UNIVERSITY
<b>Street Address:</b>	2025 CHENGLUO AVENUE, CHENGDU, SICHUAN PROVINCE, CHINA
<b>City:</b>	CHENGDU
<b>State/Country:</b>	CHINA
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16699130
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<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>Email:</b>	in@bayramoglu-legal.com
<b>Correspondent Name:</b>	GOKALP BAYRAMOGLU
<b>Address Line 1:</b>	1540 W. WARM SPRINGS ROAD SUITE 100
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<b>ATTORNEY DOCKET NUMBER:</b>	GBQZ017-PKG

<b>NAME OF SUBMITTER:</b>	GOKALP BAYRAMOGLU
<b>SIGNATURE:</b>	/GOKALP BAYRAMOGLU/
<b>DATE SIGNED:</b>	11/29/2019
<b>Total Attachments: 2</b> source=GBQZ017-PKG-assignment#page1.tif source=GBQZ017-PKG-assignment#page2.tif	

ASSIGNMENT

- (1-8) *Insert Name(s) of Inventor(s)*
- |                     |                   |
|---------------------|-------------------|
| (1) Huining XU      | (2) Jianfeng LIU  |
| (3) Yan WAN         | (4) Jianliang PEI |
| (5) Lu WANG         | (6) Chunping WANG |
| (7) Qiangxing ZHANG |                   |
- 

For good and valuable consideration receipt of which is hereby acknowledged, the undersigned agree(s) to assign, and hereby do(es) assign, transfer and set over to:

- (9) *Insert name of Assignee(s) (a,b,c)*
- |                       |                       |
|-----------------------|-----------------------|
| a) Sichuan University | b) Chengdu University |
|-----------------------|-----------------------|
- 

- (10) *Insert state of incorporation of Assignee(s) (a,b,c)*
- |          |          |
|----------|----------|
| a) China | b) China |
|----------|----------|
- 

- (11) *Insert address of Assignee(s) (a,b,c)*
- |   |   |
|---|---|
| a) No. 24, South Section of Yihuan Road, Wuhou District, Chengdu, Sichuan Province, China | b) 2025 Chengluo Avenue, Chengdu, Sichuan Province, China |
|---|---|
- 

(hereinafter designated as the Assignees) the entire worldwide right, title, interest, and patent applications and patents for every country, including divisions, reissues, continuations and all other extensions, rights and priorities in the invention known as and subject matter contained in

- (12) *Insert Identification of Invention, such as Title, Case Number or Foreign Application Number*
- (12) Acoustic emission test apparatus and analysis technology for rock damage
- (13) *Insert Date of Filing of Application*
- (13) Application is attached hereto.
- 

and each assignee owning equal share as tenancy in common.

1) The undersigned agree(s) to execute all papers necessary in connection with the application and any continuing or division applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

3) The undersigned agree(s) 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) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

5) The undersigned hereby authorize(s) and request(s) the Commissioner for Patents and the duly constituted authorities of foreign countries to issue any and all Letters Patents resulting from said application or any division or divisions or continuing or reissue applications thereof to the said Assignee, its successors and assigns, as Assignee of the entire right, title and interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed and will not execute, any agreement in conflict herewith.

6) *The undersigned hereby grant(s)*

Gokalp Bayramoglu, Reg.No. 66305

*the power to insert on this assignment any further identification which 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.*

Date 2018.11.28

Huining Xu  
Huining XU

Date 2018.11.28

Jianfeng Liu  
Jianfeng LIU

Date 2019.11.29

Yan Wan  
Yan WAN

Date 2018.11.29

Jianliang Pei  
Jianliang PEI

Date 2018.11.28

Lu Wang  
Lu WANG

Date 2019.11.29

Chunping Wang  
Chunping WANG

Date 2018.11.28

Qiangxing Zhang  
Qiangxing ZHANG  
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