

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3344112

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ZHENCAI ZHU	01/19/2015
GUOHUA CAO	01/19/2015
GONGBO ZHOU	01/19/2015
CHANGHUA HU	01/19/2015
WEI LI	01/19/2015
GUOAN CHEN	01/19/2015
YUXING PENG	01/19/2015
QINGYONG DU	01/19/2015
RONGHUA WU	01/19/2015
RECEIVING PARTY DATA	
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State/Country:	CHINA
Postal Code:	221116
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Street Address:	NO. 173 GONGSHANG ROAD
Internal Address:	JIawang DISTRICT
City:	XUZHOU, JIANGSU
State/Country:	CHINA
Postal Code:	221011
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14441440
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ATTORNEY DOCKET NUMBER:	153531.010400
NAME OF SUBMITTER:	KEITH R. JAROSIK
SIGNATURE:	/Keith R. Jarosik/
DATE SIGNED:	05/07/2015

Total Attachments: 4

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PATENT ASSIGNMENT

For good and valuable consideration, receipt of which is hereby acknowledged, we, **Zhencai ZHU** of No. 1 University Road, Xuzhou, Jiangsu 221116, China; **Guohua CAO** of No. 1 University Road, Xuzhou, Jiangsu 221116, China; **Gongbo ZHOU** of No. 1 University Road, Xuzhou, Jiangsu 221116, China; **Changhua HU** of No. 1 University Road, Xuzhou, Jiangsu 221116, China; **Wei LI** of No. 1 University Road, Xuzhou, Jiangsu 221116, China; **Guoan CHEN** of No. 1 University Road, Xuzhou, Jiangsu 221116, China; **Yuxing PENG** of No. 1 University Road, Xuzhou, Jiangsu 221116, China; **Qingyong DU** of No. 1 University Road, Xuzhou, Jiangsu 221116, China; and **Ronghua WU** of No. 1 University Road, Xuzhou, Jiangsu 221116, China; hereby jointly sell and assign to **CHINA UNIVERSITY OF MINING AND TECHNOLOGY**, a University of China, having its principal place of business at No. 1 University Road, Xuzhou, Jiangsu 221116, China, and **XUZHOU COAL MINE SAFETY EQUIPMENT MANUFACTURE CO., LTD.**, a company of China, having its principal place of business at No. 173 Gongshang Road, Jiawang District, Xuzhou, Jiangsu 221011, China, its successors, assigns, nominees, or other legal representatives, (collectively "**Assignee**") the entire right, title, and interest in and to the invention in **METHOD AND DEVICE FOR MONITORING TENSION EQUALIZATION AND DISPLACEMENT ADJUSTMENT STATES OF STEEL WIRE ROPES OF MULTI-ROPE HOISTER** invented by us, which has been assigned application number 14/441,440, and the application for United States patent therefor, the declaration, and all original and reissued patents granted therefor, and all divisions and continuations thereof, including the subject-matter of any and all claims which may be obtained in every such patent, and the right to apply for and obtain patents and Utility Model Registrations which may be granted thereon in such foreign countries, and authorize and request the Commissioner of Patents and Trademarks of the United States, and any official of any other country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue said Letters Patent or Utility Model Registration to the said Assignee, its successor, assigns, nominees, or other legal representatives, as assignee of the entire interest herein assigned. We covenant that we have not executed and will not execute any agreement in conflict herewith and agree that we will communicate to said Assignee, its successors, assigns, nominees, or other legal representatives, all facts known to us respecting said invention, whenever requested, and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing, and reissue applications, make all rightful oaths, and do all lawful acts requisite for the application for such divisional, continuing, or reissue applications, or the procuring thereof, and that if and when said Assignee, its successors, assigns, nominees, or other legal representatives desire to file a disclaimer relating thereto, we will, upon request, sign all lawful papers requisite for the filing of such disclaimer. We further covenant and agree that we will, at any time upon request, do everything legally possible to aid said Assignee, its successors, assigns, nominees, or other legal representatives, either in its or their own names, to apply for, obtain, and enforce proper patent and/or Utility Model protection for said invention in all countries, all without further consideration but at the expense of said Assignee, its successors, assigns, nominees, or other legal representatives.

ASSIGNOR hereby grants to the law firm of GREENBERG TRAURIG, LLP of Chicago, Illinois, authority and power to insert on this instrument any further identification which may be necessary or desirable for purposes of recordation in the United States Patent Office or the Patent Office of any foreign country.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 19th day of Jan., 2015.

Zhencai ZHU
Zhencai ZHU (signature)

Witness:

Ye Yue
(signature)
Ye Yue
(printed name)

IN TESTIMONY WHEREOF, I have hereunto set my hand this 19th day of Jan., 2015.

Guohua CAO
Guohua CAO (signature)

Witness:

Ye Yue
(signature)
Ye Yue
(printed name)

IN TESTIMONY WHEREOF, I have hereunto set my hand this 19th day of Jan., 2015.

Gongbo ZHOU
Gongbo ZHOU (signature)

Witness:

Ye Yue
(signature)
Ye Yue
(printed name)

IN TESTIMONY WHEREOF, I have hereunto set my hand this 19th day of Jan., 2015.

Changhua HU
Changhua HU (signature)

Witness:

Ye Yue
(signature)
Ye Yue
(printed name)

IN TESTIMONY WHEREOF, I have hereunto set my hand this 19th day of Jan., 2015.

Wei LI
Wei LI (signature)

Witness:

Ye Yue
(signature)
Ye Yue
(printed name)

IN TESTIMONY WHEREOF, I have hereunto set my hand this 19th day of Jan., 2015.

Guoan CHEN
Guoan CHEN (signature)

Witness:

Ye Yue
(signature)
Ye Yue
(printed name)

IN TESTIMONY WHEREOF, I have hereunto set my hand this 19th day of Jan., 2015.

Yuxing PENG
Yuxing PENG (signature)

Witness:

Ye Yue
(signature)

Ye Yue

(printed name)

IN TESTIMONY WHEREOF, I have hereunto set my hand this 19th day of Jan., 2015.

Qingyong DU
Qingyong DU (signature)

Witness:

Ye Yue
(signature)

Ye Yue
(printed name)

IN TESTIMONY WHEREOF, I have hereunto set my hand this 19th day of Jan., 2015.

Ronghua WU
Ronghua WU (signature)

Witness:

Ye Yue
(signature)

Ye Yue
(printed name)

CHI 65461381v1