PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4518350

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the ASSIGNEE previously recorded on Reel 043060 Frame 0562. Assignor(s) hereby confirms the ASSIGNMENT.

CONVEYING PARTY DATA

Name	Execution Date
BAICHUAN HE	07/04/2017
TIANJUN ZHAO	07/04/2017
ZHENGUO WU	07/04/2017
LEIYU	07/04/2017

RECEIVING PARTY DATA

Name:	CRRC QIQIHAR ROLLING STOCK CO., LTD.
Street Address:	NO. 36 CHANGQIAN 1ST AVENUE
Internal Address:	TIEFENG DISTRICT, QIQIHAR
City:	HEILONGJIANG
State/Country:	CHINA
Postal Code:	161002

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15545354

CORRESPONDENCE DATA

(215)568-3439 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.

Email: assignments@woodcock.com Correspondent Name: **BAKER & HOSTETLER LLP**

Address Line 1: 2929 ARCH STREET, CIRA CENTRE

Address Line 2: 12TH FLOOR

Address Line 4: PHILADELPHIA, PENNSYLVANIA 19104

00874.000027
'ALERIE CHICCHI
Valerie Chicchi/
7/25/2017
· /

Total Attachments: 11

PATENT REEL: 043325 FRAME: 0924

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Electronic Patent Assignment System

Confirmation Receipt

Your assignment has been received by the USPTO. The coversheet of the assignment is displayed below:

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
	07/04/2017
TIANJUN ZHAO	07/04/2017
ZHENGUO WU	07/04/2017
LEI YU	07/04/2017

RECEIVING PARTY DATA

Name:	CRCC QIQIHAR ROLLING STOCK CO., LTD.
Street Address:	NO. 36 CHANGQIAN 1ST AVENUE

Internal	TIEFENG DISTRICT, QIQIHAR	-
Address:		-
City:	HEILONGJIANG	-
State/Country:	CHINA	-
Postal Code:	161002	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15545354

CORRESPONDENCE DATA

Fax Number: (215)568-3439 Phone: 215-568-3100

Email: assignments@woodcock.com

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.

Correspondent

BAKER & HOSTETLER LLP

Name:

Address Line 1: CIRA CENTRE 12TH FLOOR

Address Line 2: 2929 ARCH STREET

Address Line 4: PHILADELPHIA, PENNSYLVANIA

19104-2891

ATTORI DOCKE	NEY T NUMBER:	100874.000027
NAME (SUBMIT		VALERIE CHICCHI

Signature:	/Valerie Chicchi/
Date:	07/21/2017
Total Attachments:	3
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RECEIPT INFORMATION

EPAS ID: PAT4514116 Receipt Date: 07/21/2017

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WHEREAS, I, Baichuan HE, citizen of China, residing at No. 36 Changqian IST Avenue, Tiefeng District, Qiqihar, Heilongjiang 161002, P.R. CHINA, ASSIGNOR, am the inventor of one or more inventions disclosed, described and/or claimed in the application referred to as Docket Number 100874.000027 ("the invention"), which is entitled WAGON AND VEHICLE BODY ASSEMBLY THEREOF ("the subject application"), and which claims priority to Chinese patent application number 201510651438.0 filed October 10, 2015 ("the priority application"). I authorize and direct any of the attorneys responsible for prosecuting the subject application on behalf of the ASSIGNEE to insert the application number and filing date of the subject application in the final paragraph of this assignment.

AND WHEREAS, CRRC QIQIHAR ROLLING STOCK CO., LTD., ASSIGNEE, having a place of business at No. 36 Changqian IST Avenue, Tiefeng District, Qiqihar, Heilongjiang 161002, P.R. CHINA, is desirous of obtaining my entire right, title, and interest in, to, and under the invention:

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the ASSIGNOR, hereby sell, assign, transfer, and set over, unto the ASSIGNEE, its successors, legal representatives, and assigns, my entire right, title, and interest in, to, and under the invention, and all applications for industrial property protection, including without limitation, all applications for patents, utility models, inventors' certificates, and designs that have been filed, and that may hereafter be filed, in any country, that disclose, describe, and/or claim the invention, including, without limitation, the subject application and the priority application, and all extensions, renewals, and reissues of such applications, including all divisions and continuations in whole or in part; all patents granted on such applications in any country, and all extensions, renewals, and reissues of such patents, including all divisions and continuations in whole or in part; the right to file such applications in any country; and the right to claim for such applications in any country the priority rights derived from the priority application and the subject application under the International Convention for the Protection of Industrial Property, the Patent Laws of the United States, any other international agreement or protection, or the domestic laws of any country in which any such application is filed, as may be applicable.

AND I HEREBY covenant and agree that I have full right to convey my entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

AND I HEREBY further covenant and agree that I will communicate to the ASSIGNEE, its successors, legal representatives, and assigns, any facts known to me respecting the invention, and testify in any legal proceeding, sign all lawful papers, execute all disclaimers and all divisional, continuing, reissue, and foreign applications, make all rightful oaths, deliver upon request all papers, documents, affidavits, or other instruments that may be necessary or helpful in the prosecution of any application for industrial property protection describing and/or claiming the invention, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives, and assigns, to obtain and enforce proper protection for the invention in all countries.

IN TESTIMONY WH my signature.	EREOF, I have signed my name below on the date indicated above
Executed this	day of July , year of 2017.
Boichuan HE	
Baichuan HE	
************	*****************************
STATEMENT OF WITNES	S
SIGNED at <u>Ligihar</u> Ch	ina.
(City)	(Country)
(City) This 4 day of July	, 2017.
I, Gang Li	whose full
residence address is <u>filmious a</u> of Heilongjiang province o	whose full ommunity trilling No.36, The Jeng District in Algihar city China
	d see Baichuan HE execute the above assignment on the
	117, and such assignor is personally known to me to be the person
described in such document.	
Grang Li	
Signature of Witness	
**********	*****************
The foregoing assignment cove	ers patent application number $(5/345/354)$, filed on
7/2/17.	Palew Chiglington
)	Name of Attorney: Michael P. Dunnam
R	Registration No.: 32,611
Γ	Date of Insertion: 7/21//7

WHEREAS, I, Tianjun ZHAO, citizen of China, residing at No. 36 Changqian IST Avenue, Tiefeng District, Qiqihar, Heilongjiang 161002, P.R. CHINA, ASSIGNOR, am the inventor of one or more inventions disclosed, described and/or claimed in the application referred to as Docket Number 100874.000027 ("the invention"), which is entitled WAGON AND VEHICLE BODY ASSEMBLY THEREOF ("the subject application"), and which claims priority to Chinese patent application number 201510651438.0 filed October 10, 2015 ("the priority application"). I authorize and direct any of the attorneys responsible for prosecuting the subject application on behalf of the ASSIGNEE to insert the application number and filing date of the subject application in the final paragraph of this assignment.

AND WHEREAS, CRRC QIQIHAR ROLLING STOCK CO., LTD., ASSIGNEE, having a place of business at No. 36 Changqian IST Avenue, Tiefeng District, Qiqihar, Heilongjiang 161002, P.R. CHINA, is desirous of obtaining my entire right, title, and interest in, to, and under the invention:

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the ASSIGNOR, hereby sell, assign, transfer, and set over, unto the ASSIGNEE, its successors, legal representatives, and assigns, my entire right, title, and interest in, to, and under the invention, and all applications for industrial property protection, including without limitation, all applications for patents, utility models, inventors' certificates, and designs that have been filed, and that may hereafter be filed, in any country, that disclose, describe, and/or claim the invention, including, without limitation, the subject application and the priority application, and all extensions, renewals, and reissues of such applications, including all divisions and continuations in whole or in part; all patents granted on such applications in any country, and all extensions, renewals, and reissues of such patents, including all divisions and continuations in whole or in part; the right to file such applications in any country; and the right to claim for such applications in any country the priority rights derived from the priority application and the subject application under the International Convention for the Protection of Industrial Property, the Patent Laws of the United States, any other international agreement or protection, or the domestic laws of any country in which any such application is filed, as may be applicable.

AND I HEREBY covenant and agree that I have full right to convey my entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

AND I HEREBY further covenant and agree that I will communicate to the ASSIGNEE, its successors, legal representatives, and assigns, any facts known to me respecting the invention, and testify in any legal proceeding, sign all lawful papers, execute all disclaimers and all divisional, continuing, reissue, and foreign applications, make all rightful oaths, deliver upon request all papers, documents, affidavits, or other instruments that may be necessary or helpful in the prosecution of any application for industrial property protection describing and/or claiming the invention, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives, and assigns, to obtain and enforce proper protection for the invention in all countries.

IN TESTIMONY WHEREOF, I have signed my name below on the date indicated above my signature.
Executed this 4 day of July, year of 3/7.
7 tanjun 2 hao
Tianjun ZHAO

STATEMENT OF WITNESS
SIGNED at <u>Digihar China</u> . (City) (Country) This 4 day of July, 2017.
(City) (Country)
This 4 day of July , 2017.
L From /; whose full
residence address is Aloxious community trailing No.36, Tietons District in Lighter City of Heilongjiang provine of China.
was personally present and did see Tianjun ZHAO execute the above assignment on the 4
day of, 2017, and such assignor is personally known to me to be the person
described in such document.
from Li
Signature of Witness

The foregoing assignment covers patent application number 15 5 354, filed on
7247 Nalive Chealu for
Name of Attorney: Michael P. Dunnam
Registration No.: 32,611,
Date of Insertion: 7/21//7

WHEREAS, I, Zhenguo WU, citizen of China, residing at No. 36 Changqian IST Avenue, Tiefeng District, Qiqihar, Heilongjiang 161002, P.R. CHINA, ASSIGNOR, am the inventor of one or more inventions disclosed, described and/or claimed in the application referred to as Docket Number 100874.000027 ("the invention"), which is entitled WAGON AND VEHICLE BODY ASSEMBLY THEREOF ("the subject application"), and which claims priority to Chinese patent application number 201510651438.0 filed October 10, 2015 ("the priority application"). I authorize and direct any of the attorneys responsible for prosecuting the subject application on behalf of the ASSIGNEE to insert the application number and filing date of the subject application in the final paragraph of this assignment.

AND WHEREAS, CRRC QIQIHAR ROLLING STOCK CO., LTD., ASSIGNEE, having a place of business at No. 36 Changqian IST Avenue, Tiefeng District, Qiqihar, Heilongjiang 161002, P.R. CHINA, is desirous of obtaining my entire right, title, and interest in, to, and under the invention:

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the ASSIGNOR, hereby sell, assign, transfer, and set over, unto the ASSIGNEE, its successors, legal representatives, and assigns, my entire right, title, and interest in, to, and under the invention, and all applications for industrial property protection, including without limitation, all applications for patents, utility models, inventors' certificates, and designs that have been filed, and that may hereafter be filed, in any country, that disclose, describe, and/or claim the invention, including, without limitation, the subject application and the priority application, and all extensions, renewals, and reissues of such applications, including all divisions and continuations in whole or in part; all patents granted on such applications in any country, and all extensions, renewals, and reissues of such patents, including all divisions and continuations in whole or in part; the right to file such applications in any country; and the right to claim for such applications in any country the priority rights derived from the priority application and the subject application under the International Convention for the Protection of Industrial Property, the Patent Laws of the United States, any other international agreement or protection, or the domestic laws of any country in which any such application is filed, as may be applicable.

AND I HEREBY covenant and agree that I have full right to convey my entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

AND I HEREBY further covenant and agree that I will communicate to the ASSIGNEE, its successors, legal representatives, and assigns, any facts known to me respecting the invention, and testify in any legal proceeding, sign all lawful papers, execute all disclaimers and all divisional, continuing, reissue, and foreign applications, make all rightful oaths, deliver upon request all papers, documents, affidavits, or other instruments that may be necessary or helpful in the prosecution of any application for industrial property protection describing and/or claiming the invention, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives, and assigns, to obtain and enforce proper protection for the invention in all countries.

IN TESTIMONY WHEREOF, I have signed my name below on the date indicated above my signature.
Executed this 4 day of July, year of 2017.
Zhenguo WU
Zhenguo WU

STATEMENT OF WITNESS
SIGNED at <u>Kiqihar China</u> . (City) (Country) This 4 day of July , 2017. I, <u>Gang Li</u> whose full residence address is filoxians community building No.36, Tiafang District in Digihar vicy of Heilongjiang province of China.
(City) (Country)
This 4 day of July , 2017.
I, Gang Li whose full
residence address is followings community building NO.36, Trafing District in Digitar they
of Heilongjiang province of China.
was personally present and did see Zhenguo WU execute the above assignment on the 4
day of July, 2017, and such assignor is personally known to me to be the person
described in such document.
trang Li
Signature of Witness
水妆妆的水安水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水水
,
The foregoing assignment covers patent application number 15 545 354, filed on
1/21/17 Valeu Chialinfor
Name of Attorney: Michael P. Dunnam
Registration No.: 32,611
Date of Insertion: 7/2///

WHEREAS, I, Lei YU, citizen of China, residing at No. 36 Changqian IST Avenue, Tiefeng District, Qiqihar, Heilongjiang 161002, P.R. CHINA, ASSIGNOR, am the inventor of one or more inventions disclosed, described and/or claimed in the application referred to as Docket Number 100874.000027 ("the invention"), which is entitled WAGON AND VEHICLE BODY ASSEMBLY THEREOF ("the subject application"), and which claims priority to Chinese patent application number 201510651438.0 filed October 10, 2015 ("the priority application"). I authorize and direct any of the attorneys responsible for prosecuting the subject application on behalf of the ASSIGNEE to insert the application number and filing date of the subject application in the final paragraph of this assignment.

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	HEREOF, I have signed my name below on the date indicated above
my signature.	1.1.
Executed this	_day of _July_, year of 20().
lei Yu	
Lei YU	
*******	*****************************
STATEMENT OF WITNE	SS
SIGNED at Rigitar (China:
(City)	China : (Country)
This 4 day of July	, 2017.
1, Ganz Li	whose full
residence address is Elorious	community building No. 36, Tradenz District in Qigihar city of
Heilongiang province of	China,
Heilongliang Province of	did see Lei YU execute the above assignment on the 4 day of
was personally present and of	did see Lei YU execute the above assignment on the 4 day of
was personally present and of	China .
was personally present and described in such document.	did see Lei YU execute the above assignment on the 4 day of and such assignor is personally known to me to be the person
was personally present and a July , 2017,	did see Lei YU execute the above assignment on the 4 day of and such assignor is personally known to me to be the person
was personally present and a July , 2017, described in such document. Liang Li Signature of Witness	did see Lei YU execute the above assignment on the 4 day of and such assignor is personally known to me to be the person
was personally present and of July , 2017, described in such document. Lyang Li Signature of Witness	did see Lei YU execute the above assignment on the 4 day of and such assignor is personally known to me to be the person exercises.
was personally present and a July , 2017, described in such document. trang Li Signature of Witness **********************************	did see Lei YU execute the above assignment on the 4 day of and such assignor is personally known to me to be the person exercises. **********************************
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Page 2 of 2