## PATENT ASSIGNMENT

# Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
Zhengxing WANG	05/11/2012
Cuicui GUO	05/11/2012
Mingxing ZHOU	05/11/2012
Zhiyang TONG	05/11/2012
Guiqiong HU	05/11/2012
Baohui CHENG	05/11/2012
Jiwei ZHONG	05/11/2012
Bo WANG	05/11/2012
Jian ZHAO	05/11/2012
Wu LI	05/11/2012

### RECEIVING PARTY DATA

Name:	Bridge Science Research Institute Ltd., China Zhongtie Major Bridge Engineering Group
Street Address:	No. 103, Jianshe Avenue, Qiaokou District,
City:	Wuhan
State/Country:	CHINA
Postal Code:	430034

Name:	China Railway Major Bridge Engineering Co., Ltd.
Street Address:	No. 6 Building, SBI Chuangye Street, Dongxin Road,
Internal Address:	East Lake New-Tech Development Zone,
City:	Wuhan
State/Country:	CHINA
Postal Code:	430074

### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13178499

PATENT

**REEL: 028371 FRAME: 0515** 

#### **CORRESPONDENCE DATA**

 Fax Number:
 (888)259-9223

 Phone:
 8882599211 x2330

Email: USPTORECEIPT@GMAIL.COM

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

via US Mail.

Correspondent Name: MATTHIAS SCHOLL
Address Line 1: 14781 MEMORIAL DRIVE

Address Line 2: SUITE 1319

Address Line 4: HOUSTON, TEXAS 77079

ATTORNEY DOCKET NUMBER: WHKY-05501-UUS

NAME OF SUBMITTER: LARRY CHEN

Total Attachments: 6

source=Assignment\_WHKY-05501-UUS#page1.tif

source=Assignment\_WHKY-05501-UUS#page2.tif

source=Assignment\_WHKY-05501-UUS#page3.tif

source=Assignment\_WHKY-05501-UUS#page4.tif

source=Assignment\_WHKY-05501-UUS#page5.tif

source=Assignment\_WHKY-05501-UUS#page6.tif

ASSIGNME	NT DV	First Named Inventor	Zho	engxing WANG
INVENTOR(S)		CON	MPLETE IF	KNOWN
PATENT APPL		Application Number	13/	178499
		Filing Date	07/	/08/2011
WHEREAS, I believe I am	(check one)			
the or	iginal, first, and s	sole inventor (if onl	y one na	me is listed below)
X an ori	ginal, first, and jo	oint inventor (if mu	ltiple na	mes are listed below)
(referred to also as "A CCIC	NOD" below of		osur one rec	ingeniera in de la companiera de la comp
(referred to also as "ASSIG patent is sought on the inver	nok below) of a	the subject matter v	vnich is N" belo	claimed and for which
				····y
DAMPING DEVICE OF	STAY CABLE	N. W. A. Mary and		ANN
				,
No.	SET FOR	TH TITLE ABOVE	Ar,	
The specification of which (	check one)			
	·•			
is attache	d hereto or enclos	ed herewith OR		n
X was filed	on (MM/DD/YYYY	07/08/201	1	as United States
Application Number of DCT	Townson and Am.	uliandan Niverban	····	13/178499
Application Number or PCT	mtemanonal App	pincation Number		10/1/0400
nd was amended on (MM/DI	D/YYYY)		(if app	olicable).
	No. 10 - 0.1100 - 0.1100	was a state of the	<b></b> '	
VHEREAS,				
***	Bridge Scienc	e Research Institu	ute Ltd.	, China Zhongtie
		Engineering Grou	p.	T.
	Full Name of Assig.	nee		
having a postal address of		she Avenue, Qiao	kou Dis	trict,
· · · · · · · · · · · · · · · · · · ·	Mailing Address			
	Wuhan, Hubei	i, China, 430034		

Attorney Docket Number

WHKY-05501-UUS

PAGE 1 OF 6

-and-	China Railway Major Bridge Engineering Co., Ltd.
	Full Name of second Assignee
having a postal address of:	No. 6 Building, SBI Chuangye Street, Dongxin Road,
	Mailing Address
	East Lake New-Tech Development Zone,
	Wuhan, Hubei, China, 430074

(referred to as "ASSIGNEES" below) desire to acquire the entire right, title and interest in and to the same in the U.S.;

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, ASSIGNOR, by these presents does sell, assign and transfer unto ASSIGNEES, the entire right, title, and interest in and to said INVENTION and application throughout the United States of America, including any and all patents 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 applications in the United States for said INVENTION, including additional documents that may be required to affirm the rights of ASSIGNEES in and to said INVENTION, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEES' expense, to identify and communicate to ASSIGNEES at ASSIGNEES' 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 ASSIGNEES 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 Commissioner of Patents and Trademarks to issue any and all patents referred to above to ASSIGNEES, as the ASSIGNEES of the entire right, title and interest in and to the same, for ASSIGNEES' sole use and behoof, and for the use and behoof of ASSIGNEES' legal representatives and successors, to the full end of the term for which such 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.

ALSO, ASSIGNOR authorizes Practitioners associated with the Customer Number 33,794 to insert or complete any information in this document needed to effect its recordal in the U.S. Patent and Trademark Office and to record the same.

Sole o	or first joint inventor	Andrew Andrew Addition to the second	<del>de graf</del> <del>samperen</del> g.	
	Zhengxing		WANG	
Prefix	Given Name	Middle Name	Family Name	Suffi
⇒	WANG, Zhengxin	a	2012.5.11	
_	Inventor's hand written signature or	sesionature (37 CFR 1.4)		- Comment of the Comm
	Wuhan		Date	i nana
City	of residence (MPEP §605.02)	China State/Province or Country o	And the second s	130034
	or reading (that is good.or)	Chinese	residence Zip of r	esidence address
		Citizenship under 37 CFR 1.41(b)	11	
			شا مامقد و وود	
	No. 103, Jianshe Avenue	The second secon	an, Hubei, China, 43	0034
		Mailing address		
	- And S			
		A CONTRACTOR OF THE PARTY OF TH		
Secon	d joint inventor, if any	The state of the s	was middles to the control of the co	<del>, , , , , , , , , , , , , , , , , , , </del>
	•		_ 1 54	
Prefix	Cuicui Given Name	1.6 LH 2.7	GUO	
FICIA	Given Name	Middle Name	Family Name	Suffix
$\Rightarrow$	Guo, Cuicui		2012, 5,11	4
. ********	Inventor's hand written signature or	s-signature (37 CFR 1.4)	Date	
	Wuhan	China		20024
City	of residence (MPEP §605.02)	State/Province or Country of	The state of the s	30034 sidence address
	• •		and and	
		Citizenship under 37 CFR 1.41(b)		
			an Charles Miller and	2004
	No. 103, Jianshe Avenue		an, Hubel, China, 431	JU34
		Mailing address		
Third	joint inventor, if any	i maninima manini	A STATE OF THE STA	
			7000	
Prefix	Mingxing Given Name	Middle Name	ZHOU	
	Siven Plane	Middle Haine	Family Name	Suffix
$\Rightarrow$	2HOU Minaxina		2012.5.11	
	Inventor's hand written signature or	s-signature (37 CFR 1.4)	Date	·····
	Wuhan	China		30034
City o	of residence (MPEP §605.02)	State/Province or Country of		sidence address
		Chinese	reich Atrik	
	<u> </u>	itizenship under 37 CFR 1.41(b)	mine'	
			m fleibai Obia 400	oni
mai.	No. 103, Jianshe Avenue,		ii, Hubei, China, 430	U <b>3</b> 4
		Mailing address		

Fourth joint inventor, if ar	ny		
Zhiyang	3	TONG	
Prefix Given Nam		Family Name	Suffix
⇒ 7 <sub>nna</sub>	Zhi Yang	S. 48 17 11	
Inventor's hand written s	ignature or s-signature (37 CFR 1.4)	<u> </u>	
Wuhan	China		0034
City of residence (MPEP §605.0		And the second s	lence address
	Chinese	•	
	Citizenship under 37 CFR 1.4	l(b)	
No. 103, Jianshe A	venue, Qiaokou District, Wi	uhan Hubei China 43003	ai.
	Mailing address	and in trader, Orinta, 40000	<u> </u>
	-		
- Andrew Grander Grand	The state of the s	<del>er in grand grand</del>	
Eifel total	MOTOR STATE	to the state of th	V
Fifth joint inventor, if any			
Guiqiong		HU	
Prefix Given Name	e Middle Name	Family Name	Suffix
⇒ Hu buigi	en A	2012.5.11	
	gnature or s-signature (37 CFR 1.4)	Date	
Wuhan	China		024
City of residence (MPEP §605.02		y of residence Zip of reside	
	Chinese	• 10.000 10.00000	
	Citizenship under 37 CFR 1.41	(b)	
No. 103. Jianshe A	venue, Qiaokou District, Wu	han Hubei China 43003/	í
	Mailing address	man, Habor, Omma, 40000-	r
	u, , ,		-4
- Allen - Alle	a gangerang gandini	Constitution of the second	
271			
Sixth joint inventor, if any			
Baohui	Acres	CHENG	
Prefix Given Nume	Middle Name	Family Name	Suffix
⇒ Chang	Bachu:	San E 11	
	gnature or s-signature (37 CFR 1.4)	2012. S. 11	<del> </del>
Wuhan	China	Date	20.4
City of residence (MPEP §605.02		y of residence Zip of reside	
r i san <b>v</b> i sa si <b>v</b> i i sa si <b>v</b> i i i sa si sa s	Chinese	y with conductive Zip of reside	nce address
×	Citizenship under 37 CFR 1.41(	b)	*
No 103 lianche A	venue, Qiaokou District, Wu		
, i.v., vializatio	Mailing address	man, nubel, Offina, 430034	+
	mining address		
		÷	1

seventh joint inventor, if any			
Jiwei		ZHONG	
Prefix Given Name	Middle Name	Family Name	Sut
> Zhona Ji	Tiloi	2012.5.11	
Inventor's hand written signat	ure or s-signature (37 CFR 1.4)	Date Date	***
Wuhan	China	430	0034
City of residence (MPEP §605.02)	State/Province or Country of		
	Chinese		
	Citizenship under 37 CFR 1.41(b)		
No. 103, Jianshe Aven	ue, Qiaokou District, Wuhar	n. Hubei, China, 430034	4
	Mailing address		
ighth inventor, if any	in the second se		
Во		MANIC	
refix Given Name	Middle Name	WANG Family Name	Suf
		r miniy rvanic	501
WANG BO		50B 5.U	
Inventor's hand written signatu	ire or s-signature (37 CFR 1.4)	2013 5. 1/ Date	
Wuhan	China	430	034
City of residence (MPEP §605.02)	0.00	مسر باستنستشر باست	
ere, or residence (in Li 8003:02)	State/Province or Country of	residence Zip of resid	ence addre
City of the Life (MI Life good, OZ)	Chinese	residence Zip of resid	ence addre
		residence Zip of resid	ence addre
· <u>·</u>	Chinese	• · · · · · · · · · · · · · · · · · · ·	
· <u>·</u>	Chinese Citizenship under 37 CFR 1.41(b)	• · · · · · · · · · · · · · · · · · · ·	
· <u>·</u>	Chinese Citizenship under 37 CFR 1.41(b) ue, Qiaokou District, Wuhan	• · · · · · · · · · · · · · · · · · · ·	
· <u>·</u>	Chinese Citizenship under 37 CFR 1.41(b) ue, Qiaokou District, Wuhan	• · · · · · · · · · · · · · · · · · · ·	
· <u>·</u>	Chinese Citizenship under 37 CFR 1.41(b) ue, Qiaokou District, Wuhan	• · · · · · · · · · · · · · · · · · · ·	
No. 103, Jianshe Avenu	Chinese Citizenship under 37 CFR 1.41(b) ue, Qiaokou District, Wuhan	• · · · · · · · · · · · · · · · · · · ·	
No. 103, Jianshe Avenu	Chinese Citizenship under 37 CFR 1.41(b) ue, Qiaokou District, Wuhan	, Hubei, China, 430034	
No. 103, Jianshe Avenu inth joint inventor, if any Jian	Chinese Citizenship under 37 CFR 1.41(b) ue, Qiaokou District, Wuhan Mailing address	ZHAO	
No. 103, Jianshe Avenuinth joint inventor, if any  Jian  Given Name	Chinese Citizenship under 37 CFR 1.41(b) ue, Qiaokou District, Wuhan Mailing address  Middle Name	, Hubeí, China, 430034 ZHAO	
No. 103, Jianshe Avenu  inth joint inventor, if any  Jian  Given Name  2HAO Jian	Chinese Citizenship under 37 CFR 1.41(b) ue, Qiaokou District, Wuhan Mailing address  Middle Name	ZHAO Family Name  20/2 [ ]	Suf
No. 103, Jianshe Avenuinth joint inventor, if any  Jian  Given Name  2HAO Jian  Inventor's hand written signatu	Chinese Citizenship under 37 CFR 1.41(b) ue, Qiaokou District, Wuhan Mailing address  Middle Name	ZHAO Family Name  20/2 [ ] Date	Sufi
No. 103, Jianshe Avenuinth joint inventor, if any  Jian  Given Name  JHAO Jian  Inventor's hand written signatur  Wuhan	Chinese Citizenship under 37 CFR 1.41(b) ue, Qiaokou District, Wuhan Mailing address  Middle Name re or s-signature (37 CFR 1.4) China	ZHAO Family Name  20/2 [ ] Date	Suf 034
No. 103, Jianshe Avenuinth joint inventor, if any  Jian  Given Name  JHAO Jian  Inventor's hand written signatur  Wuhan	Chinese Citizenship under 37 CFR 1.41(b)  ue, Qiaokou District, Wuhan Mailing address  Middle Name  re or s-signature (37 CFR 1.4)  China  State/Province or Country of	ZHAO Family Name  20/2 [ ] Date	Suf
No. 103, Jianshe Avenu  inth joint inventor, if any  Jian  Given Name  > 2HAO Jian  Inventor's hand written signatu  Wuhan  City of residence (MPEP \$605.02)	Chinese Citizenship under 37 CFR 1.41(b)  ue, Qiaokou District, Wuhan Mailing address  Middle Name  re or s-signature (37 CFR 1.4)  China  State/Province or Country of Chinese	ZHAO Family Name  20/2, [ ] Date  430 Zip of reside	Suff

**RECORDED: 06/13/2012** 

Tenth joint inventor, if any		, , , , , , , , , , , , , , , , , , ,	
Wu		Lt	
Prefix Given Name	Middle Name	Family Name	Suffix
⇒ LI Wu		2012.5.11	
Inventor's hand written signature	or s-signature (37 CFR 1.4)	Date	
Wuhan	China	43003	4
City of residence (MPEP §605.02)	State/Province or Country o	residence Zip of residence	address
	Chinese		
	Citizenship under 37 CFR 1.41(b)		
No. 103, Jianshe Avenue	e, Qiaokou District, Wuhai	n, Hubei, China, 430034	
	Mailing address		
Eleventh joint inventor, if any			
Dieventu joint inventor, it any			
Prefix Given Name	Middle Name	Family Name	Suffix
⇒			
Inventor's hand written signature	or s-signature (37 CFR 1.4)	Date	
City of residence (MPEP §605.02)	State/Province or Country of	residence Zip of residence	address
<del>:</del>	Citizenship under 37 CFR 1.41(b)	<del></del>	
	Mailing address	· · · · · · · · · · · · · · · · · · ·	
			.,
2	phi and a second		
Twelfth joint inventor, if any			
Prefix Given Name	Middle Name	Family Name	Suffix
: : <del>****</del>			
T	227 OPP 1 40		
Inventor's hand written signature	or s-signature (37 CFR 1.4)	Date	
City of residence (MPEP §605.02)	State/Province or Country of	residence Zip of residence	address
<del></del>	Citizenship under 37 CFR 1.41(b)	<del>and the</del>	
Acres William Server	Mailing address		
and the same of th			·