503297952 05/08/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3344570

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
LIANG CHEN	04/07/2015
ZHEN LI	04/07/2015
ZAIQIN WANG	04/07/2015
HUAQUAN YANG	04/07/2015
WEI HAN	04/07/2015
CHENGJING XIAO	04/07/2015
TAO WEI	04/07/2015
XIAOMEI SHAO	04/07/2015
JING FENG	04/07/2015
LINGMIN LIAO	04/07/2015
JIAN ZHANG	04/07/2015
DA ZHANG	04/07/2015
XIAOHU YAN	04/07/2015

RECEIVING PARTY DATA

Name:	CHANGJIANG RIVER SCIENTIFIC RESEARCH INSTITUTE, CHANGJIANG WATER RESOURCES COMMISSION
Street Address:	NO. 289, HUANGPU AVENUE, HANKOU
City:	WUHAN
State/Country:	CHINA
Postal Code:	430010

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	14707013	

CORRESPONDENCE DATA

Fax Number: (888)259-9223

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.

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Correspondent Name: MATTHIAS SCHOLL

PATENT

503297952 REEL: 035591 FRAME: 0919

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Address Line 4: HOUSTON, TEXAS 77079

ATTORNEY DOCKET NUMBER:	WHKY-15201-UUS
NAME OF SUBMITTER:	LARRY CHEN
SIGNATURE:	/Larry Chen/
DATE SIGNED:	05/08/2015

Total Attachments: 13

source=WHKY-15201-UUS_Assignment#page1.tif source=WHKY-15201-UUS_Assignment#page2.tif source=WHKY-15201-UUS_Assignment#page3.tif source=WHKY-15201-UUS_Assignment#page4.tif source=WHKY-15201-UUS_Assignment#page5.tif source=WHKY-15201-UUS_Assignment#page6.tif source=WHKY-15201-UUS_Assignment#page7.tif source=WHKY-15201-UUS_Assignment#page8.tif source=WHKY-15201-UUS_Assignment#page9.tif source=WHKY-15201-UUS_Assignment#page10.tif source=WHKY-15201-UUS_Assignment#page11.tif source=WHKY-15201-UUS_Assignment#page11.tif source=WHKY-15201-UUS_Assignment#page12.tif

source=WHKY-15201-UUS Assignment#page13.tif

PATENT REEL: 035591 FRAME: 0920

Attorney Docket Number	WHKY-1520	1-UUS		
Title of Invention	ABRASION SAME	ABRASION-RESISTANT COATING MATERIAL AND METHOD OF USING THE SAME		
		n the original inventor or an original joint inventor (referred to as ASSIGNOR below) of a claimed entified by the title above.		
WHEREAS	,	Changjiang River Scientific Research Institute, Changjiang Water Resources Commission		
having a po	stal address of	No. 289, Huangpu Avenue, Hankou, Wuhan, Hubei, China, 430010		
(referred to	as ASSIGNEE be	low) desires to acquire the entire right, title, and interest in and to the same in the United States;		
ASSIGNOR said inventor division, con	R, by these presection and applicat	for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, nts does sell, assign and transfer unto ASSIGNEE, the entire right, title, and interest in and to on throughout the United States of America, including any and all patents granted on any ation-in-part, reexamination, and reissue of said application, whether granted in an initial or pereof.		
prosecution additional d further cons communica ASSIGNOF be required encompass	and maintenand ocuments that ma sideration. ASSIG te to ASSIGNEE t's possession or of ASSIGNOR in ed within the tern	prees to execute any documents that legally may be required in connection with the filing, of said application or any other patent applications in the United States for said invention, including y be required to affirm the rights of ASSIGNEE in and to said invention and application, all without NOR also agrees, without further consideration and at ASSIGNEE's expense, to identify and at ASSIGNEE's request documents and information concerning the invention that are within control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may respect of the prosecution, maintenance and defense of any patent application or patent is of this instrument. ASSIGNOR's obligations under this instrument shall extend to ASSIGNOR's re and other legal representatives.		
referred to a use and be which such	above to ASSIĆN hoof; and for the t	athorizes and requests the Commissioner of Patents and Trademarks to issue any and all patents EE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE's sole se and behoof of ASSIGNEE's legal representatives and successors, to the full end of the term for inted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment		
		s Practitioners associated with the Customer Number 33,794 to insert or complete any information fect its recordal in the U.S. Patent and Trademark Office and to record the same.		
LEGAL NA	AME OF ASSIGN	DR .		
Assignor:	Liang CHEN	Date: 04/07/2015		
Signature	Liang C	HEN.		

PAGE 1 OF 13

	i	
Attorney Docket Number	WHKY-15201-UUS	
Title of Invention	ABRASION-RESISTANT COATING MATERIAL AND METHOD OF USING THE SAME	
WHEREAS invention in	i, I believe that I a the application id	m the original inventor or an original joint inventor (referred to as ASSIGNOR below) of a claimed entified by the title above.
WHEREAS	i,	Changjiang River Scientific Research Institute, Changjiang Water Resources Commission
having a po	ostal address of	No. 289, Huangpu Avenue, Hankou, Wuhan, Hubei, China, 430010
(referred to	as ASSIGNEE be	elow) desires to acquire the entire right, title, and interest in and to the same in the United States;
ASSIGNOF said inven- division, co	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 ASSIGNEE, 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, reexamination, and reissue of said application, whether granted in an initial or supplemental examination thereof.	
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 ASSIGNEE in and to said invention and application, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE's expense, to identify and communicate to ASSIGNEE at ASSIGNEE's 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 ASSIGNEE 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.		
ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all patents referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE's sole use and behoof; and for the use and behoof of ASSIGNEE's 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.		
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.		
LEGAL N	AME OF ASSIGN	OR
Assignor:	Zhen LI Date: 04/07/2015	
Signature	Zhen L	I

PAGE 2 OF 13

Attorney Docket Number	WHKY-1520	11-UUS
Title of Invention	ABRASION-RESISTANT COATING MATERIAL AND METHOD OF USING THE SAME	
		m the original inventor or an original joint inventor (referred to as ASSIGNOR below) of a claimed entified by the title above.
WHEREAS		Changjiang River Scientific Research Institute, Changjiang Water Resources Commission
having a po	estal address of	No. 289, Huangpu Avenue, Hankou, Wuhan, Hubei, China, 430010
(referred to	as ASSIGNEE be	elow) desires to acquire the entire right, title, and interest in and to the same in the United States;
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 ASSIGNEE, 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, reexamination, and reissue of said application, whether granted in an initial or supplemental examination thereof.		
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 ASSIGNEE in and to said invention and application, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE's expense, to identify and communicate to ASSIGNEE at ASSIGNEE's 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 ASSIGNEE 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.		
ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all patents referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE's sole use and behoof; and for the use and behoof of ASSIGNEE's 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.		
		es Practitioners associated with the Customer Number 33,794 to insert or complete any information effect its recordal in the U.S. Patent and Trademark Office and to record the same.
LEGAL N	AME OF ASSIGN	OR
Assignor:	Zaiqin WANC	Date: 04/07/2015
Signature	Zaigi	n WANG

PAGE 3 OF 13

Attorney Docket Number	WHKY-1520)1-UUS		
Title of Invention	ABRASION-RESISTANT COATING MATERIAL AND METHOD OF USING THE SAME		VG THE	
		m the original inventor or an original lentified by the title above.	joint inventor (referred to as ASSIGNOR below) of a	a claimed
WHEREAS	i,	Changjiang River Scientific Resources Commission	c Research Institute, Changjiang Water	r
having a po	ostal address of	No. 289, Huangpu Avenue	e, Hankou, Wuhan, Hubei, China, 4300	10
(referred to	as ASSIGNEE be	elow) desires to acquire the entire rig	pht, title, and interest in and to the same in the Unite	d States;
ASSIGNOR said invent division, co	R, by these prese tion and applicat	ents does sell, assign and transfer tion throughout the United States of uation-in-part, reexamination, and rei	n, the receipt and adequacy of which is hereby acknown unto ASSIGNEE, the entire right, title, and interest of America, including any and all patents granted of issue of said application, whether granted in an initial	est in and to on any
prosecution additional of further conscionmunical ASSIGNOF be required encompass	and maintenance locuments that ma sideration. ASSIG te to ASSIGNEE d's possession or l of ASSIGNOR in sed within the tern	e of said application or any other pate ay be required to affirm the rights of A NOR also agrees, without further con at ASSIGNEE's request documents control, and to provide further assura respect of the prosecution, maintena	at legally may be required in connection with the filin ent applications in the United States for said invention ASSIGNEE in and to said invention and application, nsideration and at ASSIGNEE's expense, to identify and information concerning the invention that are whances and testimony on behalf of ASSIGNEE that la ance and defense of any patent application or pater obligations under this instrument shall extend to ASSIGNEE.	on, including, all without and ithin awfully may
referred to use and be which such	above to ASSIĠN hoof; and for the i	IEE, as the ASSIGNEE of the entire ruse and behoof of ASSIGNEE's lega	sioner of Patents and Trademarks to issue any and right, title and interest in and to the same, for ASSIG all representatives and successors, to the full end of the would have been held by ASSIGNOR had this a	SNEE's sole the term for
ASS in this docu	SIGNOR authorize iment needed to e	es Practitioners associated with the Ceffect its recordal in the U.S. Patent a	Customer Number 33,794 to insert or complete any and Trademark Office and to record the same.	information
LEGAL N	AME OF ASSIGN	OR		
Assignor:	Huaquan YA	NG	04/07/2015	
Signature	: Huaqu	ian YANG		·

PAGE 4 OF 13

Attorney Docket Number	WHKY-1520	1-UUS
Title of Invention	ABRASION-RESISTANT COATING MATERIAL AND METHOD OF USING THE SAME	
WHEREAS invention in	, I believe that I ar the application id	m the original inventor or an original joint inventor (referred to as ASSIGNOR below) of a claimed entified by the title above.
WHEREAS	_	Changjiang River Scientific Research Institute, Changjiang Water Resources Commission
having a po	stal address of	No. 289, Huangpu Avenue, Hankou, Wuhan, Hubei, China, 430010
(referred to	as ASSIGNEE be	slow) desires to acquire the entire right, title, and interest in and to the same in the United States;
ASSIGNOR said invent division, cor	 by these presetion and applicat 	for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, nts does sell, assign and transfer unto ASSIGNEE, the entire right, title, and interest in and to ion throughout the United States of America, including any and all patents granted on any lation-in-part, reexamination, and reissue of said application, whether granted in an initial or ereof.
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 ASSIGNEE in and to said invention and application, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE's expense, to identify and communicate to ASSIGNEE at ASSIGNEE's 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 ASSIGNEE 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.		
ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all patents referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE's sole use and behoof; and for the use and behoof of ASSIGNEE's 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.		
		es Practitioners associated with the Customer Number 33,794 to insert or complete any information ffect its recordal in the U.S. Patent and Trademark Office and to record the same.
LEGAL N	AME OF ASSIGN	OR
Assignor:	Wei HAN	Date: 04/07/2015
Signature	wei Hh	N

PAGE 5 OF 13

Attorney Docket Number	WHKY-1520	1-UUS
Title of Invention	ABRASION-RESISTANT COATING MATERIAL AND METHOD OF USING THE SAME	
WHEREAS invention in	, I believe that I ar the application id	n the original inventor or an original joint inventor (referred to as ASSIGNOR below) of a claimed entified by the title above.
WHEREAS		Changjiang River Scientific Research Institute, Changjiang Water Resources Commission
having a po	stal address of	No. 289, Huangpu Avenue, Hankou, Wuhan, Hubei, China, 430010
(referred to	as ASSIGNEE be	low) desires to acquire the entire right, title, and interest in and to the same in the United States;
ASSIGNOR said invent division, cor	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 ASSIGNEE, 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, reexamination, and reissue of said application, whether granted in an initial or supplemental examination thereof.	
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referred to a use and bel which such	above to ASSIĞN noof; and for the u	uthorizes and requests the Commissioner of Patents and Trademarks to issue any and all patents EE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE's sole se and behoof of ASSIGNEE's legal representatives and successors, to the full end of the term for anted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment
ASS in this docu	SIGNOR authorize ment needed to e	s Practitioners associated with the Customer Number 33,794 to insert or complete any information ifect its recordal in the U.S. Patent and Trademark Office and to record the same.
LEGAL NA	AME OF ASSIGN	DR .
Assignor:	Chengjing XI.	AO Date: 04/07/2015
Signature:	chengjing	XIAO

PAGE 6 OF 13

Attorney Docket Number	WHKY-15201-UUS		
Title of Invention	ABRASION-RESISTANT COATING MATERIAL AND METHOD OF USING THE SAME		
WHEREAS invention in	, I believe that I a the application id	n the original inventor or an original joint inventor (referred to as ASSIGNOR below) of a claimed entified by the title above.	
WHEREAS	,	Changjiang River Scientific Research Institute, Changjiang Water Resources Commission	
having a po	stal address of	No. 289, Huangpu Avenue, Hankou, Wuhan, Hubei, China, 430010	
(referred to	as ASSIGNEE be	low) desires to acquire the entire right, title, and interest in and to the same in the United States;	
ASSIGNOR said invent division, cor	, by these prese ion and applicat	for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, ints does sell, assign and transfer unto ASSIGNEE, the entire right, title, and interest in and to on throughout the United States of America, including any and all patents granted on any ation-in-part, reexamination, and reissue of said application, whether granted in an initial or ereof.	
prosecution additional d further cons communica ASSIGNOR be required encompasse	and maintenance ocuments that maideration. ASSIGITE to ASSIGNEE is possession or of ASSIGNOR in additionally the term	grees to execute any documents that legally may be required in connection with the filing, of said application or any other patent applications in the United States for said invention, including y be required to affirm the rights of ASSIGNEE in and to said invention and application, all without NOR also agrees, without further consideration and at ASSIGNEE's expense, to identify and at ASSIGNEE's request documents and information concerning the invention that are within control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may respect of the prosecution, maintenance and defense of any patent application or patent so of this instrument. ASSIGNOR's obligations under this instrument shall extend to ASSIGNOR's re and other legal representatives.	
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		s Practitioners associated with the Customer Number 33,794 to insert or complete any information fect its recordal in the U.S. Patent and Trademark Office and to record the same.	
LEGAL NA	AME OF ASSIGN	DR	
Assignor:	Tao WEI	_{Date:} _04/07/2015	
Signature:	Tao Wej		

PAGE 7 OF 13

Attorney Docket Number	WHKY-15201-UUS		
Title of Invention	ABRASION-RESISTANT COATING MATERIAL AND METHOD OF USING THE SAME		
		am the original inventor or an original joint inventor (referred to dentified by the title above.	as ASSIGNOR below) of a claimed
WHEREAS, having a postal address of		Changjiang River Scientific Research Institut Resources Commission	e, Changjiang Water
		No. 289, Huangpu Avenue, Hankou, Wuhan,	Hubei, China, 430010
(referred to	as ASSIGNEE be	pelow) desires to acquire the entire right, title, and interest in a	nd to the same in the United States;
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 ASSIGNEE, 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, reexamination, and reissue of said application, whether granted in an initial or supplemental examination thereof.			
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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.			
LEGAL N	AME OF ASSIGN	NOR	
Assignor:	Assignor: Xiaomei SHAO Date: 04/07/2015		
Signature	Lian mai	SHAO	

PAGE 8 OF 13

Docket Number	WHKY-15201-L	JUS	
Title of Invention	ABRASION-RE SAME	ESISTANT COATING MATER	RIAL AND METHOD OF USING THE
	, I believe that I am the the application identifi		tor (referred to as ASSIGNOR below) of a claimed
WHEREAS	['] Re	nangjiang River Scientific Resea esources Commission	arch Institute, Changjiang Water
naving a po	stal address of NC	o. 289, Huangpu Avenue, Hanko	ou, Wuhan, Hubei, China, 430010
(referred to	as ASSIGNEE below)	desires to acquire the entire right, title, ar	nd interest in and to the same in the United States;
ASSIGNOR said invent division, con	R, by these presents of the control	does sell, assign and transfer unto ASS throughout the United States of Americ n-in-part, reexamination, and reissue of sa	ipt and adequacy of which is hereby acknowledged, BIGNEE, the entire right, title, and interest in and to a, including any and all patents granted on any aid application, whether granted in an initial or
prosecution additional d further cons communica ASSIGNOR be required encompass	and maintenance of socuments that may be sideration. ASSIGNOR te to ASSIGNEE at ASSIGNOR in respect within the terms of	said application or any other patent applica e required to affirm the rights of ASSIGNEE t also agrees, without further consideration SSIGNEE's request documents and information, and to provide further assurances and opect of the prosecution, maintenance and opect of the prosecution, maintenance	hay be required in connection with the filing, ations in the United States for said invention, including in and to said invention and application, all without in and at ASSIGNEE's expense, to identify and nation concerning the invention that are within testimony on behalf of ASSIGNEE that lawfully may defense of any patent application or patent under this instrument shall extend to ASSIGNOR's
referred to a use and bel which such	above to ASSIGNEE, a hoof; and for the use a	as the ASSIGNEE of the entire right, title a and behoof of ASSIGNEE's legal represen	latents and Trademarks to issue any and all patents and interest in and to the same, for ASSIGNEE's sole tatives and successors, to the full end of the term for have been held by ASSIGNOR had this assignment
		ractitioners associated with the Customer lits recordal in the U.S. Patent and Traden	Number 33,794 to insert or complete any information nark Office and to record the same.
LEGAL NA	AME OF ASSIGNOR	New Addition of the Control of the C	
Assignor:	Jing FENG		Date: 04/07/2015
Signature:	Jing FENG		

PAGE 9 OF 13

Attorney Docket Number	WHKY-1520)1-UUS
Title of Invention	ABRASION-RESISTANT COATING MATERIAL AND METHOD OF USING THE SAME	
		m the original inventor or an original joint inventor (referred to as ASSIGNOR below) of a claimed dentified by the title above.
WHEREAS, having a postal address of		Changjiang River Scientific Research Institute, Changjiang Water Resources Commission
		No. 289, Huangpu Avenue, Hankou, Wuhan, Hubei, China, 430010
(referred to	as ASSIGNEE be	elow) desires to acquire the entire right, title, and interest in and to the same in the United States;
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 ASSIGNEE, 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, reexamination, and reissue of said application, whether granted in an initial or supplemental examination thereof.		
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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.		
LEGAL NA	AME OF ASSIGN	OR
Assignor:	Lingmin LIA	O Date: 04/07/2015
Signature:	Ling min	LAO

PAGE 10 OF 13

Attorney Docket Number	WHKY-1520)1-UUS	
Title of Invention	ABRASION-RESISTANT COATING MATERIAL AND METHOD OF USING THE SAME		
WHEREAS invention in	, I believe that I ar the application id	m the original inventor or an original joint inventor (referred to as ASSIGNOR below) of a claimed lentified by the title above.	
WHEREAS, having a postal address of		Changjiang River Scientific Research Institute, Changjiang Water Resources Commission	
		No. 289, Huangpu Avenue, Hankou, Wuhan, Hubei, China, 430010	
		elow) desires to acquire the entire right, title, and interest in and to the same in the United States;	
ASSIGNOR said invent division, cor	t, by these prese tion and applicat	for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, ents does sell, assign and transfer unto ASSIGNEE, the entire right, title, and interest in and to tion throughout the United States of America, including any and all patents granted on any uation-in-part, reexamination, and reissue of said application, whether granted in an initial or ereof.	
prosecution additional de further cons communicat ASSIGNOR be required encompasse	and maintenance ocuments that ma sideration. ASSIGNEE at the to ASSIGNEE at possession or of ASSIGNOR in the term	grees to execute any documents that legally may be required in connection with the filing, of said application or any other patent applications in the United States for said invention, including ay be required to affirm the rights of ASSIGNEE in and to said invention and application, all without NOR also agrees, without further consideration and at ASSIGNEE's expense, to identify and at ASSIGNEE's request documents and information concerning the invention that are within control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may respect of the prosecution, maintenance and defense of any patent application or patent as of this instrument. ASSIGNOR's obligations under this instrument shall extend to ASSIGNOR's ors and other legal representatives.	
referred to a use and beh which such	above to ASSIGNI noof; and for the u	uthorizes and requests the Commissioner of Patents and Trademarks to issue any and all patents EE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE's sole use and behoof of ASSIGNEE's legal representatives and successors, to the full end of the term for anted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment	
ASS in this docur	GIGNOR authorize ment needed to e	es Practitioners associated with the Customer Number 33,794 to insert or complete any information ffect its recordal in the U.S. Patent and Trademark Office and to record the same.	
LEGAL NA	ME OF ASSIGNO	OR	
Assignor:	Jian ZHANG	Date: 04/07/2015	
Signature:	Jian Tho	ang	

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Attorney Docket Number	WHKY-1520	01-UUS	
Title of Invention	ABRASION-RESISTANT COATING MATERIAL AND METHOD OF USING THE SAME		
WHEREAS invention in	, I believe that I a the application id	m the original inventor or an original joint inventor (referred to as ASSIGNOR below) of a claimed lentified by the title above.	
WHEREAS, having a postal address of		Changjiang River Scientific Research Institute, Changjiang Water Resources Commission	
		No. 289, Huangpu Avenue, Hankou, Wuhan, Hubei, China, 430010	
(referred to	as ASSIGNEE be	elow) desires to acquire the entire right, title, and interest in and to the same in the United States;	
ASSIGNOR said invention division, con	, by these prese ion and applicati	for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, ints does sell, assign and transfer unto ASSIGNEE, the entire right, title, and interest in and to ion throughout the United States of America, including any and all patents granted on any lation-in-part, reexamination, and reissue of said application, whether granted in an initial or ereof.	
prosecution additional do further consi communicat ASSIGNOR' be required encompasse	and maintenance ocuments that ma ideration. ASSIGNEE as possession or coff ASSIGNOR in the term.	grees to execute any documents that legally may be required in connection with the filing, of said application or any other patent applications in the United States for said invention, including by be required to affirm the rights of ASSIGNEE in and to said invention and application, all without NOR also agrees, without further consideration and at ASSIGNEE's expense, to identify and at ASSIGNEE's request documents and information concerning the invention that are within control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may respect of the prosecution, maintenance and defense of any patent application or patent as of this instrument. ASSIGNOR's obligations under this instrument shall extend to ASSIGNOR's are and other legal representatives.	
referred to a use and beh which such p	bove to ASSIGNE oof; and for the u	uthorizes and requests the Commissioner of Patents and Trademarks to issue any and all patents EE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE's sole is and behoof of ASSIGNEE's legal representatives and successors, to the full end of the term for anted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment	
ASS in this docun	IGNOR authorize nent needed to ef	s Practitioners associated with the Customer Number 33,794 to insert or complete any information fect its recordal in the U.S. Patent and Trademark Office and to record the same.	
LEGAL NA	ME OF ASSIGNO	DR	
Assignor: _	Da ZHANG	Date: 04/07/2015	
Signature:	Da ZHAI	V G	

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Attorney Docket Number	WHKY-1520	n1-UUS	
Title of Invention	ABRASION-RESISTANT COATING MATERIAL AND METHOD OF USING THE SAME		
WHEREAS invention in	WHEREAS, I believe that I am the original inventor or an original joint inventor (referred to as ASSIGNOR below) of a claimed invention in the application identified by the title above.		
WHEREAS,		Changjiang River Scientific Research Institute, Changjiang Water Resources Commission	
having a po	stal address of	No. 289, Huangpu Avenue, Hankou, Wuhan, Hubei, China, 430010	
(referred to	as ASSIGNEE be	elow) desires to acquire the entire right, title, and interest in and to the same in the United States;	
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 ASSIGNEE, 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, reexamination, and reissue of said application, whether granted in an initial or supplemental examination thereof.			
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 ASSIGNEE in and to said invention and application, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE's expense, to identify and communicate to ASSIGNEE at ASSIGNEE's 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 ASSIGNEE 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.			
ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all patents referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE's sole use and behoof; and for the use and behoof of ASSIGNEE's 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.			
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.			
LEGAL NA	ME OF ASSIGNO	DR .	
Assignor:	Xiaohu YAN	Date: 04/07/2015	
Signature:	Xiaohu YAN		

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PATENT REEL: 035591 FRAME: 0933