PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3642575

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
XUN SHI	12/01/2015
HUILI LIU	12/01/2015
LIDONG CHEN	12/01/2015

RECEIVING PARTY DATA

Name:	SHANGHAI INSTITUTE OF CERAMICS, CHINESE ACADEMY OF SCIENCES
Street Address:	1295 DINGXI ROAD, CHANGNING DISTRICT
City:	SHANGHAI
State/Country:	CHINA
Postal Code:	200050

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14895882

CORRESPONDENCE DATA

Fax Number: (503)459-4142

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.

Phone: 503-459-4141 Email: martin@ahmrt.com

ALLEMAN HALL MCCOY RUSSELL & TUTTLE LLP **Correspondent Name:**

Address Line 1: 806 SW BROADWAY, SUITE 600 Address Line 4: PORTLAND, OREGON 97205

ATTORNEY DOCKET NUMBER:	HNQ15302PCTUS
NAME OF SUBMITTER:	KYOKO MARTIN
SIGNATURE:	/Kyoko Martin/
DATE SIGNED:	12/03/2015
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 3

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DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) WITH ASSIGNMENT

ricie Di	P-11PE HIGH-PERFORMANCE THERMOELECTRIC MATERIAL WITH REVERSABLE PHASE CHANGE,
Invention:	AND PREPARATION METHOD THEREFOR
As the below named	inventor, I hereby declare that:
This declaration is directed to:	The attached application, or United States application or PCT international application number PCT/CN2014/078764 filed on May 29, 2014;
The above-identified	application was made or authorized to be made by me.
believe that I am th	ne original inventor or an original joint inventor of a claimed invention in the application.
I authorize the attor application number,	neys at Alleman Hall McCoy Russell & Tuttle LLP (Customer Number 50488) to insert the filing date, and attorney docket number of the above identified application when known.
I hereby acknowledg fine or imprisonmen	te that any willful false statement made in the above declaration is punishable under 18 U.S.C. 1001 by t of not more than five (5) years, or both.
having a place of bus interest therein; NOW, THEREFOR, have sold, assigned, right to the above-id entire right, title and territorial possession extensions thereof. I hereby authorize and all of said Letters same, for the sole us Further, I agree the invention, and testify renewal and reissue issued to ASSIGNEE, it obtain and enforce	inhal Institute OF CERAMICS, Chinese ACADEMY OF SCIENCES, ("ASSIGNEE"), a Chinese corporation, siness at 1295 Dingxi Road, Changning District Shanghai 200050, China is desirous of acquiring an for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I and transferred, and by these presents do sell, assign, and transfer unto ASSIGNEE, the full and exclusive entified invention in the United States and its territorial possessions and in all foreign countries, and the interest in and to any and all Letters Patent which may be granted therefor in the United States and its as and in any and all foreign countries, and in and to any and all divisions, reissues, continuations and and request the Patent Office officials in the United States and any and all foreign countries to issue any a Patent, when granted, to ASSIGNEE, as the ASSIGNEE of my entire right, title and interest in and to the e of the ASSIGNEE, its successors and assigns. at I will communicate to ASSIGNEE, or its representatives, any facts known to me respecting said in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitution, applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be make all rightful oaths and generally do everything possible to aid ASSIGNEE, its successors and assigns, a proper protection for said invention in the United States and in any and all foreign countries.
LEGAL NAME OF INVI	ENTOR
inventor: Xun SHI	Date: Devol, 2015 ATTY DOCKET NO.: HNQ15302PCTUS
	(in the state of t

Alleman Hall McCoy Russell & Tuttle LLP 806 SW Broadway, Ste. 600 Portland, OR 97205

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) WITH ASSIGNMENT

ricie or	P-11PE HIGH-PERFORMANCE THERMOELECTRIC MATERIAL WITH REVERSABLE PHASE CHANGE
Invention:	AND PREPARATION METHOD THEREFOR
As the below named	I inventor, I hereby declare that:
This declaration is directed to:	The attached application, or United States application or PCT international application number PCT/CN2014/078764 filed on May 29, 2014
The above-identified	application was made or authorized to be made by me.
I believe that I am th	ne original inventor or an original joint inventor of a claimed invention in the application.
l authorize the attor application number,	neys at Alleman Hall McCoy Russell & Tuttle LLP (Customer Number 50488) to insert the filing date, and attorney docket number of the above identified application when known.
I hereby acknowledg fine or imprisonmen	te that any willful false statement made in the above declaration is punishable under 18 U.S.C. 1001 by t of not more than five (5) years, or both.
interest therein; NOW, THEREFOR, have sold, assigned, a right to the above-ide entire right, title and territorial possession extensions thereof.	HAI INSTITUTE OF CERAMICS, CHINESE ACADEMY OF SCIENCES, ("ASSIGNEE"), a Chinese corporation, idness at 1295 Dingxi Road, Changning District Shanghai 200050, China is desirous of acquiring an for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I and transferred, and by these presents do sell, assign, and transfer unto ASSIGNEE, the full and exclusive entified invention in the United States and its territorial possessions and in all foreign countries, and the interest in and to any and all Letters Patent which may be granted therefor in the United States and its and in any and all foreign countries, and in and to any and all divisions, reissues, continuations and
same, for the sole use	and request the Patent Office officials in the United States and any and all foreign countries to issue any Patent, when granted, to ASSIGNEE, as the ASSIGNEE of my entire right, title and interest in and to the e of the ASSIGNEE, its successors and assigns.
renewal and reissue a fissued to ASSIGNEE, r to obtain and enforce	at I will communicate to ASSIGNEE, or its representatives, any facts known to me respecting said in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitution, applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be make all rightful oaths and generally do everything possible to aid ASSIGNEE, its successors and assigns, a proper protection for said invention in the United States and in any and all foreign countries.
LEGAL NAME OF INVE	
inventor: <u>Huili LIL</u>	1_ Oate: <u>DeCo</u> 1, 2015
Signature:	ili LIV
	ATTY BOCKET NO - HMO15202DCTUS

Alleman Hall McCoy Russell & Tuttle LLP 806 SW Broadway, Ste. 600 Portland, OR 97205

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) WITH ASSIGNMENT

Title of	P-TYPE HIGH-PERFORMANCE THERMOELECTRIC MATERIAL WITH REVERSABLE PHASE CHANGE
Invention:	AND PREPARATION METHOD THEREFOR
As the below name	d inventor, I hereby declare that:
	,,
This declaration is	The attached application, or
directed to:	United States application or PCT international application number PCT/CN2014/078764
	filed on
The about ideases	A content of the second of the
trie above-roentme	d application was made or authorized to be made by me.
I believe that I am th	ne original inventor or an original joint inventor of a claimed invention in the application.
I authorize the attor application number,	neys at Alleman Hall McCoy Russell & Tuttle LLP (Customer Number 50488) to Insert the filing date, and attorney docket number of the above identified application when known.
i hereby acknowleds fine or imprisonmen	ge that any willful false statement made in the above declaration is punishable under 18 U.S.C. 1001 by it of not more than five (5) years, or both.
naving a place of but interest therein; NOW, THEREFOR, have sold, assigned, right to the above-id entire right, title and territorial possession extensions thereof. I hereby authorize and all of said Letter, same, for the sole us Further, I agree thinvention, and testify renewal and reissue	iHAI INSTITUTE OF CERAMICS, CHINESE ACADEMY OF SCIENCES, ("ASSIGNEE"), a Chinese corporation, siness at 1295 Dingxi Road, Changning District Shanghai 200050, China is desirous of acquiring an for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I and transferred, and by these presents do sell, assign, and transfer unto ASSIGNEE, the full and exclusive entified invention in the United States and its territorial possessions and in all foreign countries, and the I interest in and to any and all Letters Patent which may be granted therefor in the United States and its and in any and all foreign countries, and in and to any and all divisions, reissues, continuations and and request the Patent Office officials in the United States and any and all foreign countries to issue any a Patent, when granted, to ASSIGNEE, as the ASSIGNEE of my entire right, title and interest in and to the e of the ASSIGNEE, its successors and assigns. at I will communicate to ASSIGNEE, or its representatives, any facts known to me respecting said in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitution, applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be make all rightful oaths and generally do everything possible to aid ASSIGNEE, its successors and assigns,
to obtain and enforce	e proper protection for said invention in the United States and in any and all foreign countries.
LEGAL NAME OF INV	<i>y</i>
Inventor: Lidong	CHEN Date: 2015. 12.0/
Signature:	Long Man
	V ~~~~~
	ATTY DOCKET NO - WNO152020CTILE

Alleman Hall McCoy Russell & Tuttle LLP 806 SW Broadway, Ste. 600 Portland, OR 97205

PATENT REEL: 037205 FRAME: 0599

RECORDED: 12/03/2015