PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7296583

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YONG QIAN	04/15/2022
XUEQING QIU	04/15/2022
DONGJIE YANG	04/15/2022
HONGMING LOU	04/15/2022
WEIFENG LIU	04/15/2022
XINPING OUYANG	04/15/2022
CONGHUA YI	04/15/2022

RECEIVING PARTY DATA

Name:	SOUTH CHINA UNIVERSITY OF TECHNOLOGY
Street Address:	NO. 381 WUSHAN ROAD, TIANHE DISTRICT
City:	GUANGZHOU CITY, GUANGDONG PROVINCE
State/Country:	CHINA
Postal Code:	510640

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16959695

CORRESPONDENCE DATA

Fax Number: (248)292-2910

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: 2482922920

Email: wmorgan@patentco.com

Correspondent Name: KRISTEN L. PURSLEY

Address Line 1: 29 W. LAWRENCE STREET

Address Line 2: SUITE 210

Address Line 4: PONTIAC, MICHIGAN 48342

ATTORNEY DOCKET NUMBER:	2017.035US
NAME OF SUBMITTER:	KRISTEN L. PURSLEY
SIGNATURE:	/Kristen L. Pursley/
DATE SIGNED:	04/25/2022

507249662 PATENT REEL: 059699 FRAME: 0549

Total Attachments: 7 source=Assignment_2017_023US#page1.tif source=Assignment_2017_023US#page2.tif source=Assignment_2017_023US#page3.tif source=Assignment_2017_023US#page4.tif source=Assignment_2017_023US#page5.tif source=Assignment_2017_023US#page6.tif source=Assignment_2017_023US#page7.tif

PATENT REEL: 059699 FRAME: 0550

Title of Invention: Lignosulfonate Dispersion Self-Healing Polyurea Coating, Preparation Method Therefor, Coating Layer Thereof and Application Thereof

As the below named inventor, I hereby declare that:

This declaration is directed to:

The attached application, or

The United States Application Number or PCT International Application Number PCT/CN2018/110449, filed on October 16, 2018 (and do hereby authorize Assignee or its designee to insert here the application number and filing date).

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ASSIGNOR: hereby sell, assign and transfer to

YI, Conghua No. 381 Wushan Road, Tianhe District Guangzhou City, Guangdong Province 510640, P.R. China

Nationality: CN

Inventor's

ASSIGNEE:

South China University of Technology No. 381 Wushan Road, Tianhe District Guangzhou City, Guangdong Province 510640, P.R. China

State or Country of Formation: CN

and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest for the United States and any foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the above-referenced application 16/95,095 filed on 101y 2, 2020, (and do hereby authorize Assignee or its designee to insert here the application number and filing date), including the right to claim priority in the United States or in any foreign countries, in and to PCT/CN2018/110449, filed October 16, 2018; and CN201810004406.5, filed January 3, 2018 (the entire right, title and interest in each such application are also hereby sold, assigned and transferred to Assignee to the extent not already done so); and, in and to, all Letters Patent to be obtained for said invention by the above-referenced application or any continuation, continuation-in-part, division, damages. ASSIGNOR hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment. ASSIGNOR further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent as may be known and accessible to ASSIGNOR ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said United States application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes thereof.

Registeres.

YI, Conghua Post Office Address: No. 381 Wushan Road, Tianha Date: District	Signature:	Y Con other	(wallsonge,	Province 510640, P.R. China
Citizenship: CN SUBSCRIBING WITNESS AFFIDAVIT OF EXECUTION OF AN ASSIGNMENT I, Liang Haihui Lang Haihui No. 109 Huangpu West, Tianhe District, Guangzhou, Guangdong 510627, China Street, City, Postal Code, Country Make cath and say that I was personally present and did seeYI, Conghua who is personally known or identified to me to be the signed at: Guangzhou, China Signed at: Guangzhou, China 20_22	_	YI, Conghua	Post Office Address:	No. 381 Wushan Road, Tientie
SUBSCRIBING WITNESS AFFIDAVIT OF EXECUTION OF AN ASSIGNMENT I, Liang Haihui Land Talum Whose full post office address is: No.100 Huangnu Avenue West, Tianhe District, Guangzhou, Guangdong 510627, China Street, City, Postal Code, Country Make oath and say that I was personally present and did see YI, Conghua who is personally known or identified to me to be the reventor named in the attached assignment, duty sign and execute the same for the purposes therein stated. Signed at: Guangzhou, China 70 20 22	Date:	2022,04.15		Guangzhou City, Guangdong Province
Whose full post office address is: No.100 Husnapu Avenue West, Tianhe District, Guandzhou, Guanddong 510827, China Street, City, Postal Code, Country Make cath and say that I was personally present and did see YI, Conghua who is personally known or identified to me to be the reventor named in the attached assignment, duly sign and execute the same for the purposes therein stated. Signed at: Guangzhou, China 70 day of April 20 22	Citizenship:	СИ	•	o roosty, r.k. Cising
Whose rull post office address is: No.100 Huangnu Avenue West, Tianhe District, Guangzhou, Guangdong 510627, China Street, City, Postal Code, Country Make eath and say that I was personally present and did seeYI, Conghua who is personally known or identified to me to be the new of the attached assignment, duly sign and execute the same for the purposes therein stated. Signed at: Guangzhou, China On this 15 day of April 20_22	3.	SUBSCRIBING WITNESS AF	FIDAVIT OF EXECUTION OF AN ASS	IGNMENT
wake dath and say that I was personally present and did seeYI, Conghua who is personally known or identified to me to be the newenter named in the attached assignment, duty sign and execute the same for the purposes therein stated. Signed at: Guangzhou, China		tice address is: No.100 Huangou Av Street, City, Postal	enue West, Tianhe District, Guangzhor	
On uss	Signed at:	y that I was personally present and did so the attached assignment, duty sign and Guangzhou, China	eeYI, Conghua who is personall execute the same for the purposes ther	y known or identified to me to be the ein stated.
	On this15	day ofApril, 20_22		······

Title of Invention: Lignosulfonate Dispersion Self-Healing Polyures Coating, Preparation Method Therefor, Coating Layer Thereof and Application Thereof

As the below named inventor, I hereby declare that:

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ASSIGNOR: hereby sell, assign and transfer to

ASSIGNEE:

OUYANG, Xinping No. 381 Wushan Road, Tianhe District Guangzhou City, Guangdong Province 510640, P.R. China

South China University of Technology No. 381 Wushan Road, Tlanhe District Guangzhou City, Guangdong Province 510640, P.R. China

Nationality: CN

Inventor's

State or Country of Formation: CN

and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest for the United States and any foreign countries, including all rights to claim priority is and to any and all improvements which are disclosed in the above-referenced application 16/959,695 filled on 10172, 2020, (and do hereby authorize Assignee or its designee to insert here the application number and filing date), including the right to claim priority in the United States or in any foreign countries, in and to PCT/CN2018/110449, filed October 16, 2018; and CN201810004406.5, filed January 3, 2018 (the entire right, title and interest in each such application are also hereby sold, assigned and transferred to Assignee to the extent not already done so); and, in and to, all Letters Patent to be obtained for said invention by the above-referenced application or any continuation, continuation-in-part, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof, including any and all rights to sue for past damages. ASSIGNOR hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment. ASSIGNOR further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said United States application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes thereof.

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Signature:	Vinxive.	Ouzang	www.	Province 510640, P.R. China
Date:	OUYANG, Xinping		Post Office Address:	No. 381 Wushan Road, Tianhe District Guangzhou City, Guangdong Province 510640, P.R. China
Citizenship:	CN			
Make oath and sa be the inventor na Signed at:	Liang Halhul Laug Hilliang Halhul Laug Hilliang Halhul Laug Hilliang Hallum Hal	Tay Mu/ fuangpu Avenue Wes City, Postal Code, Count and did see OUY ent, duly sign and exe	intry 'ANG, Xinping who is pecute the same for the purpo	ou, Guanadong 510627, China
		Subscribing Wit	ness	

Title of invention: Lignosulfonate Dispersion Self-Healing Polyurea Coating, Preparation Method Therefor, Coating Layer Thereof and Application Thereof

As the below named inventor, I hereby declare that

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ASSIGNOR: hereby sell, assign and transfer to

LIU, Welfeng No. 381 Wushan Road, Tianhe District

Guangzhou City, Guangdong Province 510640, P.R. China

Nationality: CN

ASSIGNEE:

South China University of Technology No. 381 Wushan Road, Tianhe District Guangzhou City, Guangdong Province 510640, P.R. China

State or Country of Formation: CN

and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest for the United States and any foreign countries, including all rights to claim priority is and to any and all improvements which are disclosed in the above-referenced application 16/959,695 filled on 100 2.200 filled on 100 2.200 filled on 100 2.200 filled January and the provided application number and filing date), including the right to claim priority in the United States or in any foreign countries, in and to PCT/CN2018/110449, filled October 16, 2018; and CN201810004406.5, filled January 3, 2018 (the entire right, title and interest in each such application are also hereby sold, assigned and transferred to Assignee to the extent not already done so); and, in and to, all Letters Patent to be obtained for said invention by the above-referenced application or any continuation, continuation-in-part, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof, including any and all rights to sue for past damages. ASSIGNOR hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment. ASSIGNOR further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent as may be known and accessible to ASSIGNOR and will restify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said United States application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes thereof.

inventor's Signature:	Liu, Weixferf	Residence:	Guangzhou City, Guangdong Province 510640, P.R. China
Date:	LIU. Weifeng 2022.04.15	Post Office Address:	No. 381 Wushan Road, Tianhe District Guangzhou City, Guangdong Province 510640, P.R. China
Citizenship:	CN		
1,	Liang Haihui Liang Maihuri	DAVIT OF EXECUTION OF AN ASS	
Whose full post of	fice address is: <u>No.100 Huangpu Aven</u>		ر, Guangdong 510627, China
	Street, City, Postal Co		
Make oath and sa	y that I was personally present and did see	LIU, Welfeng who is	s personally known or identified to me
to be the inventor	named in the attached assignment, duly sig	gn and execute the same for the purp	oses therein stated.
Signed at:	Guangzhou, China		
On this15	day ofApril, 20_22		
-	Subscri	bing Witness	·····

Title of Invention: Lignosulfonate Dispersion Self-Healing Polyurea Coating, Preparation Method Therefor, Coating Layer Thereof and Application Thereof

As the below named inventor, I hereby declare that:

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Nationality: CN

inventor's

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inventor's Signature:	Low Hours.	Residence:	Guangzhoù City, Guangdong Province 510640, P.R. China
	LOU, Hangming	Post Office Address:	No. 381 Wushan Road, Tianhe District
Date:	2022.04.15		Guangzhou City, Guangdong Province 510640, P.R. China
Citizenship:	CN		
Make oath and sa to be the inventor Signed at:	SUBSCRIBING WITNESS AFFID Liang Haihui AMP GAMM ffice address is: No. 100 Huangpu Avent Street, City, Postal Co- ay that I was personally present and did see named in the attached assignment, dufy sig Guangzhou, China 5 day of April , 20 22	de, Country LOU, Hongmina who is	u, Guangdong 510627, China
Wit and	Annual Control of the	ing Witness	-
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Title of Invention: Lignosulfonate Dispersion Self-Healing Polyurea Coating, Preparation Method Therefor, Coating Layer

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Signature:	Tang langile	Residence;	Guangzhou Cily, Guangdong Province 510640, P.R. China
Date:	YANG, Dongjie	Post Office Address:	No. 381 Wushan Road, Tianhe District
<b>X</b> 4103	2022.04.15		Guangzhou City, Guangdong Province
Citizenship:	CN		510640, P.R. China
make oain and say the inventor name Signed at:	fice address is: No.100 Huangpu Aven Street, City, Postal Co y that I was personally present and did see d in the attached assignment, duly sign and Guangzhou, China day of April 2022	tue West, Tianhe District, Guangzhou ode, Country YANG, Dongjie who is person d execute the same for the purposes:	Guangdong 510627, China
	Subscrit	bing Witness	••••

Title of Invention: Lignosulfonate Dispersion Self-Healing Polyurea Coating, Preparation Method Therefor, Coating Layer Thereof and Application Thereof

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Secidence:

Signature:	Ria, Kaeging	Margarite,	Province 519640, P.R. China
Date:	QIU, Xueqing	Post Office Address:	No. 361 Wushan Road, Tjanhe District
Date.	2022.04.15		Guangzhou City, Guangdong Province 510640, P.R. China
Citizenship:	CN		O TOOMO, F. A., Grina
Make oath and say inventor named in Signed at:	SUBSCRIBING WITNESS AFFIDAVI Liang Haihui Lang (a) M. ide address is: No.100 Huangpu Avenue W Street, City, Postal Code, o that I was personally present and did see the attached assignment, duly sign and execute Guangzhou, China day ofApril20_22	Vest, Tlanhe District, Guanozho Country 2lfU, Xueqing who is persona a the same for the purposes the	u. Guangdong 510627, China
	Subscribing	Witness	

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Inventor's		Residence:	Guangzhou City, Guangdong
Signature:	Yorl Airan		Province 510640, P.R. China
	alan, yefig	Post Office Address:	No. 381 Wushan Road, Tianhe District
Date:	2022.04.15		Guangzhou City, Guangdong Province 510640, P.R. China
Citizenship:	CN		
	Llang Haihui Liqua Hailui	DAVIT OF EXECUTION OF AN ASS	
Whose full post off	ice address is: <u>No.100 Huangpu Aven</u> Street, City, Postal Co		u. Guangdong 519627, China
Make oath and say	that I was personally present and did see	QIAN, Yong who is persona	ally known or identified to me to be the
inventor named in	the attached assignment, duly sign and ex-	ecute the same for the purposes the	rein stated.
Signed at:	Guangzhou, China		
On this15_	day.cfApril, 20_22		
	Subscri	bing Witness	

PATENT

REEL: 059699 FRAME: 0557