# PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6313754

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
LEI WANG	01/17/2020
TONGJI WANG	01/17/2020
FEI YE	01/17/2020
LICHAO YANG	01/17/2020
GUANGQUAN YI	01/17/2020
JIAOYING CUI	01/17/2020
NAIBO CHU	01/17/2020
YUAN LI	01/17/2020
WEIQI HUA	01/17/2020

### **RECEIVING PARTY DATA**

Name:	WANHUA CHEMICAL GROUP CO., LTD.
Street Address:	NO. 17, TIANSHAN RD., YEDA
Internal Address:	SHANDONG
City:	YANTAI
State/Country:	CHINA
Postal Code:	264006

## **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16646828

#### **CORRESPONDENCE DATA**

**Fax Number:** (908)654-7866

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:** (908) 654-5000

**Email:** assignment@lernerdavid.com

Correspondent Name: LERNER, DAVID, LITTENBERG, KRUMHOLZ & MENTLIK, LLP

Address Line 1: 20 COMMERCE DR.

Address Line 4: CRANFORD, NEW JERSEY 07016

**ATTORNEY DOCKET NUMBER:** 9SCIP 3.3F-059

NAME OF SUBMITTER:	MELINDA C. CORMIER
SIGNATURE:	/Melinda C. Cormier/
DATE SIGNED:	09/23/2020
Total Attachments: 9	
source=Assignments#page1.tif	
source=Assignments#page2.tif	
source=Assignments#page3.tif	
source=Assignments#page4.tif	
source=Assignments#page5.tif	
source=Assignments#page6.tif	
source=Assignments#page7.tif	
source=Assignments#page8.tif	
source=Assignments#page9.tif	

former PTO/SB/15 (\$-99) ModNied LDLK&M

ACCIOSISSUS AUTORITICA STORES IN ATTIMATE	Docket Number (Optional)
ASSIGNMENT OF UTILITY APPLICATION	9SCIP 3.3F-059
Whereas, I, Lei Wang	of
No. 17, Tianshan Rd., YEDA; Yantai, Shandong, 26400	06; CHINA
hereafter referred to as assignor, have with others invented cert	tain new and useful improvements in
Preparation Method For Propylene Epoxidation Catal	lyst, And Application Thereof
X for which an application for a United States Letters Par Application Number 16/646,828	tent was filed on March 12, 2020
for which an application for a United States Letters Pate	ent was executed by me on
x for which an International Application was filed on	June 14, 2018 . as
PCT/CN2018/091243 , designating the United	d States.
And	
Whereas, Wanhua Chemical Group Co., Ltd.	
a corporation of People's Republic of China herein referred to a	
No. 17, Tianshan Rd., YEDA; Yantai, Shandong; 264006; 0	***************************************
is desirous of acquiring the entire right, title and interest in the s	ame;
assignee my entire right, title and interest for the United Sta invention and the aforesaid utility patent application and all applications and patents applied for or granted therefor in the said invention, including without limitation all applications and the aforesaid utility application pursuant to any law or treaty, a infringement with the right to sue for and collect the same for it legal representatives, and including the right to claim such pristrademarks is hereby authorized and requested to issue all posaid assignee herein, as assignee of the entire interest to representatives, heirs and assigns do hereby agree and coversall original, divisional, continuation, reissue and other applicat assignments thereof to said assignee or its assigns, to communication to the undersigned respecting said improvements, where legal proceedings in which any of said applications or patents all rightful oaths, and to do generally everything necessary to a obtain patent protection for said improvements in all countries, and had because authorize must terrance to insert as this dead the	original, divisional, continuation, substitute or reissue United States of America and all other countries, for patents for said invention claiming priority or benefit of and including all claims for damages by reason of past its own use and the use of its successors, assigns and iority or benefit and the Commissioner of Patents and atents on said improvements or resulting therefrom to therein; and the undersigned for me and my legal and without further remuneration, to execute and deliverations for Letters Patent on said improvements and all unicate to said assignee or its representatives all facts never requested, to testify in any interferences or other may become involved, to sign all lawful papers, make aid assignee, its successors, assigns and nominees to the expenses incident to said applications to be borne
And I do hereby authorize my attorneys to insert on this deed the when known.	ne filing date and application number of said application
.,	/ - 19
2020.01.17	Les way
Date	Lei Wang
200 mil I.a.	
Witness	
沈丽君 Typed Name of Witness	
) pped manie de resident	
X *Total of 9 forms are submitted	

8194510

X LD-515) forms are submitted.

former PYC/SB(15 (8:00) Meditled LDLK&M

A *** O ** O *** O	Docket Number (Optional)
ASSIGNMENT OF UTILITY APPLICATION	9SCIP 3.3F-059
Whereas, I, Tongji Wang	of
No. 17, Tianshan Rd., YEDA; Yantai, Shandong, 264006	CHINA
hereafter referred to as assignor, have with others invented certa	in new and useful improvements in
Preparation Method For Propylene Epoxidation Cataly	st, And Application Thereof
[X] for which an application for a United States Letters Pate Application Number 16/646,828	ent was filed on March 12, 2020
for which an application for a United States Letters Pater	it was executed by me on
x for which an International Application was filed on	June 14, 2018 , as
PCT/CN2018/091243 , designating the United	States.
And	
Whereas, Wanhua Chemical Group Co., Ltd.	
a corporation of People's Republic of China herein referred to as	
No. 17, Tianshan Rd., YEDA; Yantai, Shandong; 264006; Clis desirous of acquiring the entire right, title and interest in the sa	
	dollar (\$ 1.00 ), the receipt whereof
is acknowledged, and other good and valuable consideration, I assignee my entire right, title and interest for the United State invention and the aforesaid utility patent application and all o applications and patents applied for or granted therefor in the said invention, including without limitation all applications and p the aforesaid utility application pursuant to any law or treaty, an infringement with the right to sue for and collect the same for its legal representatives, and including the right to claim such prior. Trademarks is hereby authorized and requested to issue all pasaid assignee herein, as assignee of the entire interest the representatives, heirs and assignee of the entire interest the representatives, heirs and assignee or its assigns, to communicate the communication of the undersigned respecting said improvements, where legal proceedings in which any of said applications or patents in all rightful oaths, and to do generally everything necessary to aid obtain patent protection for said improvements in all countries, the and paid by said assignee.	es of America and all other countries in and to said riginal, divisional, continuation, substitute or reissue United States of America and all other countries, for atents for said invention claiming priority or benefit of id including all claims for damages by reason of past is own use and the use of its successors, assigns and tents on said improvements or resulting therefrom to terein; and the undersigned for me and my legal at without further remuneration, to execute and deliver one for Letters Patent on said improvements and all incate to said assignee or its representatives all facts ever requested, to testify in any interferences or other may become involved, to sign all lawful papers, make in dassignee, its successors, assigns and nominees to the expenses incident to said applications to be borne.
when known.	
2020.01.17	lagji Wag
Date	Tongji Wang
7.00.0	
冼丽君 Typed Name of Witness	
e german and the ort VEW NOON	* * * * * * * * * * * * * * * * * * *
x *Total of 9 forms are submitted.	

former PTO/SB/15 (8-00) Modified LSLKsM

	Docket Number (Optional)
ASSIGNMENT OF UTILITY APPLICATION	9SCIP 3.3F-059
Whereas, I, Fei Ye No. 17, Tianshan Rd. YEDA; Yantai, Shandong; 264006 hereafter referred to as assignor, have with others invented certic Preparation Method For Propylene Epoxidation Cataly  X for which an application for a United States Letters Pater Application Number 16/646, 828  for which an application for a United States Letters Pater  X for which an International Application was filed on PCT/CN2018/091243, designating the United And  Whereas, Wanhua Chemical Group Co., Ltd. a corporation of People's Republic of China herein referred to as No. 17, Tianshan Rd., YEDA; Yantai, Shandong; 264006; C is desirous of acquiring the entire right, title and interest in the sa NOW, THEREFORE, in consideration of the sum of one	of S: CHINA  ain new and useful improvements in  yst, And Application Thereof  ent was filed on March 12, 2020  It was executed by me on  June 14, 2018 , as  States.  States.  States assignee" whose mailing address is  HINA  ame;  dollar (\$ 1.00 ), the receipt whereof
is acknowledged, and other good and valuable consideration, I assignee my entire right, title and interest for the United State invention and the aforesaid utility patent application and all capplications and patents applied for or granted therefor in the said invention, including without limitation all applications and p the aforesaid utility application pursuant to any law or treaty, are infringement with the right to sue for and collect the same for its legal representatives, and including the right to claim such prior Trademarks is hereby authorized and requested to issue all passid assignee herein, as assignee of the entire interest the representatives, heirs and assigns do hereby agree and coven all original, divisional, continuation, reissue and other applications assignments thereof to said assignee or its assigns, to community nown to the undersigned respecting said improvements, when legal proceedings in which any of said applications or patents all rightful caths, and to do generally everything necessary to a obtain patent protection for said improvements in all countries, that I do hereby authorize my attorneys to insert on this deed the	es of America and all other countries in and to said inginal, divisional, continuation, substitute or reissue. United States of America and all other countries, for atents for said invention claiming priority or benefit of nd including all claims for damages by reason of past is own use and the use of its successors, assigns and party or benefit and the Commissioner of Patents and attents on said improvements or resulting therefrom to herein; and the undersigned for me and my legal int without further remuneration, to execute and deliver ons for Letters Patent on said improvements and all nicate to said assignee or its representatives all facts ever requested, to testify in any interferences or other may become involved, to sign all lawful papers, make id assignee, its successors, assigns and nominees to the expenses incident to said applications to be borne.
when known.	г. У
2020.0 .17	tov je
Date	Fei Ye
スルンW分 Witness 法刑君 Typed Name of Witness	
x *Total of 9 forms are submitted.	

former PTC/SE/15 (8-00) Mortines coupus

	Docket Number (Optional)
ASSIGNMENT OF UTILITY APPLICATION	9SCIP 3.3F-059
Whereas, I, Lichao Yang	of
No. 17, Tianshan Rd., YEDA, Yantai, Shandong, 26400	<u>8. CHINA</u>
hereafter referred to as assignor, have with others invented certa	ain new and useful improvements in
Preparation Method For Propylene Epoxidation Cataly	yst, And Application Thereof
X for which an application for a United States Letters Patr	ent was filed on March 12, 2020
Application Number 16/646,828	
for which an application for a United States Letters Pater	nt was executed by me on
x for which an International Application was filed on	June 14, 2018 , as
PCT/CN2018/091243 , designating the United And	States.
Whereas, Wanhua Chemical Group Co., Ltd.	
a corporation of People's Republic of China herein referred to as	
No. 17, Tianshan Rd., YEDA; Yantai, Shandong; 264006; C is desirous of acquiring the entire right, title and interest in the sa	
is besilious or soduring the entire right, this and interest in the sc	ille,
is acknowledged, and other good and valuable consideration, I assignee my entire right, title and interest for the United State invention and the aforesaid utility patent application and all capplications and patents applied for or granted therefor in the said invention, including without limitation all applications and patent aforesaid utility application pursuant to any law or treaty, an infringement with the right to sue for and collect the same for its legal representatives, and including the right to claim such price. Trademarks is hereby authorized and requested to issue all passid assignee herein, as assignee of the entire interest the representatives, heirs and assigns do hereby agree and covenally original, divisional, continuation, reissue and other applications assignments thereof to said assignee or its assigns, to communicate the undersigned respecting said improvements, when legal proceedings in which any of said applications or patents in all rightful oaths, and to do generally everything necessary to a obtain patent protection for said improvements in all countries, the and had been authorize my attorneys to insert on this dead to	es of America and all other countries in and to said original, divisional, continuation, substitute or reissue. United States of America and all other countries, for latents for said invention claiming priority or benefit of and including all claims for damages by reason of pasts own use and the use of its successors, assigns and ority or benefit and the Commissioner of Patents and latents on said improvements or resulting therefrom to herein; and the undersigned for me and my legal int without further remuneration, to execute and deliver ons for Letters Patent on said improvements and all incate to said assignee or its representatives all facts ever requested, to testify in any interferences or other may become involved, to sign all lawful papers, make id assignee, its successors, assigns and nominees to the expenses incident to said applications to be borne.
And I do hereby authorize my attorneys to insert on this deed the when known.	e filing date and application number of said application
$\lambda \omega \rho T T$	Lichao Yana
Date	Lichão Yang
ZA/WW Witness	
<b>沈丽</b> 君	
Typed Name of Witness	
	- 50000

x \*Total of 9 forms are submitted.

**PATENT** 

**REEL: 053859 FRAME: 0755** 

former PTO/SB/15 (8-03) Modified LDL KAM

A ~ C 1 ~ A 10 10 10 10 ~ ~ ~ ~ 1 (m) 1 (m) 1 ~ A ~ ~ 10 (10 10 10 10 10 10 10 10 10 10 10 10 10 1	Docket Number (Optional)
ASSIGNMENT OF UTILITY APPLICATION	9SCIP 3.3F-059
Whereas, I, Guangquan Yi	
No. 17, Tianshan Rd., YEDA; Yantai, Shandong; 26400f	S: CHINA
hereafter referred to as assignor, have with others invented certa	
Preparation Method For Propylene Epoxidation Cataly	
X for which an application for a United States Letters Pate Application Number 16/646, 828	ent was filed on March 12, 2020
for which an application for a United States Letters Paten	nt was executed by me on
x for which an International Application was filed on	June 14, 2018 , as
PCT/CN2018/091243 , designating the United	States.
And	
Whereas, Wanhua Chemical Group Co., Ltd	
a corporation of People's Republic of China herein referred to as	
No. 17, Tianshan Rd., YEDA; Yantai, Shandong; 264006; Cl is desirous of acquiring the entire right, title and interest in the sa	
to destroue of adquiring the crime rights, and area interest in the sa	ane,
is acknowledged, and other good and valuable consideration, I assignee my entire right, title and interest for the United State invention and the aforesaid utility patent application and all o applications and patents applied for or granted therefor in the said invention, including without limitation all applications and put the aforesaid utility application pursuant to any law or treaty, an infringement with the right to sue for and collect the same for its legal representatives, and including the right to claim such prior Trademarks is hereby authorized and requested to issue all pasaid assignee herein, as assignee of the entire interest the representatives, heirs and assignse of the entire interest the representatives, heirs and assignse or its assigns, to communicate assignments thereof to said assignee or its assigns, to communicate the undersigned respecting said improvements, whene legal proceedings in which any of said applications or patents in all rightful oaths, and to do generally everything necessary to aid obtain patent protection for said improvements in all countries, that I do hereby authorize my attorneys to insert on this deed the	es of America and all other countries in and to said original, divisional, continuation, substitute or reissue United States of America and all other countries, for atents for said invention claiming priority or benefit of and including all claims for damages by reason of past is own use and the use of its successors, assigns and ority or benefit and the Commissioner of Patents and dents on said improvements or resulting therefrom to herein; and the undersigned for me and my legal and without further remuneration, to execute and deliver ons for Letters Patent on said improvements and all inicate to said assignee or its representatives all facts aver requested, to testify in any interferences or other may become involved, to sign all lawful papers, make id assignee, its successors, assigns and nominees to the expenses incident to said applications to be borne
when known.	e ming date and application number of each application
Date  ZMANOW  Witness	<i>Guanguan</i> Yi Guangquan Yi
光闸扫 Typed Name of Witness	
x *Total of 9 forms are submitted.	

former PTO/93/45 (8-09) Modified LDL KSM

	Docket Number (Optional)
ASSIGNMENT OF UTILITY APPLICATION	9SCIP 3.3F-059
Whereas, I, Jiaoying Cui	of
No. 17, Tianshan Rd., YEDA; Yantai, Shandong; 26400i	S: CHINA
hereafter referred to as assignor, have with others invented certa	ain new and useful improvements in
Preparation Method For Propylene Epoxidation Cataly	st, And Application Thereof
$oxed{X}$ for which an application for a United States Letters Pate Application Number $16/646$ , $828$	ent was filed on March 12, 2020
for which an application for a United States Letters Pater	it was executed by me on
x for which an International Application was filed on	June 14, 2018 , as
PCT/CN2018/091243 , designating the United And	States.
Whereas, Wanhua Chemical Group Co., Ltd.	
a corporation of People's Republic of China herein referred to as	
No. 17, Tianshan Rd., YEDA; Yantai, Shandong; 264006; C	***************************************
is desirous of acquiring the entire right, title and interest in the sa	me;
is acknowledged, and other good and valuable consideration, I assignee my entire right, title and interest for the United State invention and the aforesaid utility patent application and all o applications and patents applied for or granted therefor in the said invention, including without limitation all applications and puthe aforesaid utility application pursuant to any law or treaty, are infringement with the right to sue for and collect the same for its legal representatives, and including the right to claim such prior Trademarks is hereby authorized and requested to issue all passid assignee herein, as assignee of the entire interest the representatives, heirs and assigns do hereby agree and covenar all original, divisional, continuation, reissue and other application assignments thereof to said assignee or its assigns, to communiform to the undersigned respecting said improvements, when the legal proceedings in which any of said applications or patents in all rightful oaths, and to do generally everything necessary to all obtain patent protection for said improvements in all countries, than and paid by said assignee.	es of America and all other countries in and to said riginal, divisional, continuation, substitute or reissue United States of America and all other countries, for atents for said invention claiming priority or benefit of id including all claims for damages by reason of past is own use and the use of its successors, assigns and writy or benefit and the Commissioner of Patents and tents on said improvements or resulting therefrom to iterein; and the undersigned for me and my legal not without further remuneration, to execute and deliver ons for Letters Patent on said improvements and all incate to said assignee or its representatives all facts ever requested, to testify in any interferences or other may become involved, to sign all lawful papers, make d assignee, its successors, assigns and nominees to
And I do hereby authorize my attorneys to insert on this deed the when known.	filing date and application number of said application
2020.1.17	Linguis Cui
Date	July 18 - Cui
Valc	<sup>™</sup> ✓Jia <b>d</b> ying Cui
2/4/1WQu^ Witness	
Timed Name of Militage	
Typed Name of Witness	

-96

\*Total of

forms are submitted.

former FTO/SB/15 (8-00) Magnies Loukstu

ACCICAIR	MENT OF UTILITY APPLICATION	Docket Number (Optional)
MIDICON	ENT OF BILLIT AFFLICATION	9SCIP 3.3F-059
Whereas, I,	Naibo Chu	of
<u>No. 17, Ti</u>	anshan Rd., YEDA; Yantai, Shandong, 264	006; CHINA
hereafter referr	ed to as assignor, have with others invented o	ertain new and useful improvements in
Preparation	on Method For Propylene Epoxidation Ca	talyst, And Application Thereof
	ich an application for a United States Letters l ation Number 16/646, 828	Patent was filed on March 12, 2020
	ich an application for a United States Letters P	atent was executed by me on
x for wh	nich an International Application was filed o	on _June 14, 2018 , as
PCT/(	CN2018/091243 , designating the Uni	ted States.
And		
Whereas. V	Vanhua Chemical Group Co., Ltd.	
A. A. A. A. A.	f People's Republic of China herein referred to	as "assignee" whose mailing address is
No. 17, Tia	ınshan Rd., YEDA; Yantai, Shandong; 264006	i; CHINA
is desirous of a	cquiring the entire right, title and interest in the	same;
is acknowledge assignee my e invention and t applications an said invention, the aforesaid u	ntire right, title and interest for the United S the aforesaid utility patent application and a d patents applied for or granted therefor in including without limitation all applications ar tility application pursuant to any law or treaty	dollar (\$ 1.00 ), the receipt wherein, I as assignor hereby sell, assign and set over to sailitates of America and all other countries in and to saill original, divisional, continuation, substitute or reissure United States of America and all other countries, for divisional invention claiming priority or benefit of and including all claims for damages by reason of pages.
is acknowledge assignee my e invention and applications an said invention, the aforesaid u infringement wilegal represent Trademarks is said assignee representatives all original, diviassignments the known to the uilegal proceedin all rightful oathootain patent p	ad, and other good and valuable consideration in the right, title and interest for the United State aforesaid utility patent application and a dipatents applied for or granted therefor in including without limitation all applications are tility application pursuant to any law or treaty the right to sue for and collect the same for atives, and including the right to claim such hereby authorized and requested to issue all herein, as assignee of the entire interest, heirs and assigns do hereby agree and coversional, continuation, reissue and other appliereof to said assignee or its assigns, to communication to said improvements, wings in which any of said applications or paters, and to do generally everything necessary to rotection for said improvements in all countries.	n, I as assignor hereby sell, assign and set over to sai itates of America and all other countries in and to sai ill original, divisional, continuation, substitute or reissu he United States of America and all other countries, for dipatents for said invention claiming priority or benefit of
is acknowledge assignee my e invention and applications an said invention, the aforesaid u infringement wilegal represent Trademarks is said assignee representatives all original, divi assignments the known to the uilegal proceedin all rightful oathoottain patent pand paid by sai	ad, and other good and valuable consideration of the united State and interest for the United State aforesaid utility patent application and a dipatents applied for or granted therefor in including without limitation all applications artility application pursuant to any law or treaty the the right to sue for and collect the same for atives, and including the right to claim such hereby authorized and requested to issue all herein, as assignee of the entire interest, heirs and assigns do hereby agree and coversional, continuation, reissue and other application, continuation, reissue and other application of the said assignee or its assigns, to commoderaigned respecting said improvements, which any of said applications or paters, and to do generally everything necessary to rotection for said improvements in all countried dassignee.	in, I as assignor hereby sell, assign and set over to sail lates of America and all other countries in and to sail original, divisional, continuation, substitute or reissure the United States of America and all other countries, for divisional priority or benefit or and including all claims for damages by reason of pair its own use and the use of its successors, assigns an priority or benefit and the Commissioner of Patents and patents on said improvements or resulting therefrom to therein; and the undersigned for me and my legications for Letters Patent on said improvements and a municate to said assignee or its representatives all fact therefore it is may become involved, to sign all lawful papers, make or aid assignee, its successors, assigns and nominees to sign the expenses incident to said applications to be borned.
is acknowledge assignee my e invention and applications an said invention, the aforesaid u infringement willegal represent Trademarks is said assignee representatives all original, diviassignments the known to the ulegal proceedin all rightful oathobtain patent p and paid by sai	ad, and other good and valuable consideration of the united State and interest for the United State aforesaid utility patent application and a dipatents applied for or granted therefor in including without limitation all applications artility application pursuant to any law or treaty the the right to sue for and collect the same for atives, and including the right to claim such hereby authorized and requested to issue all herein, as assignee of the entire interest, heirs and assigns do hereby agree and coversional, continuation, reissue and other application, continuation, reissue and other application of the said assignee or its assigns, to commoderaigned respecting said improvements, which any of said applications or paters, and to do generally everything necessary to rotection for said improvements in all countried dassignee.	n, I as assignor hereby sell, assign and set over to sail tates of America and all other countries in and to saill original, divisional, continuation, substitute or reissume United States of America and all other countries, for divisional invention claiming priority or benefit in, and including all claims for damages by reason of pair its own use and the use of its successors, assigns an priority or benefit and the Commissioner of Patents and patents on said improvements or resulting therefrom to the therein; and the undersigned for me and my legislations for Letters Patent on said improvements and amunicate to said assignee or its representatives all factions for Letters Patent on said improvements and amunicate to said assignee or its representatives all factions may become involved, to sign all lawful papers, mak or aid assignee, its successors, assigne and nominees to
is acknowledge assignee my e invention and applications an said invention, the aforesaid u infringement wilegal represent Trademarks is said assignee representatives all original, divi assignments the known to the uilegal proceedin all rightful oathoottain patent pand paid by sai	ad, and other good and valuable consideration of the united State and interest for the United State aforesaid utility patent application and a dipatents applied for or granted therefor in including without limitation all applications artility application pursuant to any law or treaty the the right to sue for and collect the same for atives, and including the right to claim such hereby authorized and requested to issue all herein, as assignee of the entire interest, heirs and assigns do hereby agree and coversional, continuation, reissue and other application, continuation, reissue and other application of the said assignee or its assigns, to commoderaigned respecting said improvements, which any of said applications or paters, and to do generally everything necessary to rotection for said improvements in all countried dassignee.	in, I as assignor hereby sell, assign and set over to sail lates of America and all other countries in and to sail original, divisional, continuation, substitute or reissume United States of America and all other countries, for divisional priority or benefit of and including all claims for damages by reason of pair its own use and the use of its successors, assigns an priority or benefit and the Commissioner of Patents and patents on said improvements or resulting therefrom to therein; and the undersigned for me and my legislations for Letters Patent on said improvements and amunicate to said assignee or its representatives all fact tenever requested, to testify in any interferences or other temporal involved, to sign all lawful papers, make or aid assignee, its successors, assigns and nominees to see the expenses incident to said applications to be born.
is acknowledge assignee my e invention and applications an said invention, the aforesaid u infringement willegal represent Trademarks is said assignee representatives all original, diviassignments the known to the ulegal proceedin all rightful oathobtain patent p and paid by sai	ad, and other good and valuable consideration of the united State and interest for the United State aforesaid utility patent application and a dipatents applied for or granted therefor in including without limitation all applications artility application pursuant to any law or treaty the the right to sue for and collect the same for atives, and including the right to claim such hereby authorized and requested to issue all herein, as assignee of the entire interest, heirs and assigns do hereby agree and coversional, continuation, reissue and other application, continuation, reissue and other application of the said assignee or its assigns, to commoderaigned respecting said improvements, which any of said applications or paters, and to do generally everything necessary to rotection for said improvements in all countried dassignee.	in, I as assignor hereby sell, assign and set over to sail tates of America and all other countries in and to sail original, divisional, continuation, substitute or reissume United States of America and all other countries, for divisional patients for said invention claiming priority or benefit in, and including all claims for damages by reason of pair its own use and the use of its successors, assigns an priority or benefit and the Commissioner of Patents and patents on said improvements or resulting therefrom to the therein; and the undersigned for me and my legislations for Letters Patent on said improvements and a municate to said assignee or its representatives all factors are requested, to testify in any interferences or others may become involved, to sign all lawful papers, maked all assignee, its successors, assigns and nominees the set of the expenses incident to said applications to be born the filling date and application number of said application.
is acknowledge assignee my e invention and applications an said invention, the aforesaid u infringement willegal represent Trademarks is said assignee representatives all original, diviassignments the known to the ulegal proceedin all rightful oathobtain patent p and paid by sai	ad, and other good and valuable consideration tire right, title and interest for the United Sthe aforesaid utility patent application and a dipatents applied for or granted therefor in including without limitation all applications artility application pursuant to any law or treaty the right to sue for and collect the same for atives, and including the right to claim such hereby authorized and requested to issue all herein, as assignee of the entire interest, heirs and assigns do hereby agree and coverisional, continuation, reissue and other appliereof to said assignee or its assigns, to compute the said assignee or its assigns, to compute in which any of said applications or pater as, and to do generally everything necessary to rotection for said improvements in all countried dissignee.	in, I as assignor hereby sell, assign and set over to sail tates of America and all other countries in and to sail original, divisional, continuation, substitute or reissume United States of America and all other countries, for divisional patients for said invention claiming priority or benefit in, and including all claims for damages by reason of pair its own use and the use of its successors, assigns an priority or benefit and the Commissioner of Patients and patients on said improvements or resulting therefrom to therein; and the undersigned for me and my legislations for Letters Patient on said improvements and amunicate to said assignee or its representatives all fact tenever requested, to testify in any interferences or others may become involved, to sign all lawful papers, make or aid assignee, its successors, assigns and nominees the sign of the expenses incident to said applications to be born the filling date and application number of said application.
is acknowledge assignee my e invention and applications an said invention, the aforesaid u infringement willegal represent Trademarks is said assignee representatives all original, diviassignments the known to the ulegal proceedin all rightful oathobtain patent p and paid by sai	ad, and other good and valuable consideration tire right, title and interest for the United Sthe aforesaid utility patent application and a dipatents applied for or granted therefor in including without limitation all applications artility application pursuant to any law or treaty the the right to sue for and collect the same for atives, and including the right to claim such hereby authorized and requested to issue all herein, as assignee of the entire interest, heirs and assigns do hereby agree and coversional, continuation, reissue and other appliereof to said assignee or its assigns, to commodersigned respecting said improvements, wings in which any of said applications or patents, and to do generally everything necessary to rotection for said improvements in all countried assignee.  If you will be a supplied to this deed	in, I as assignor hereby sell, assign and set over to sail tates of America and all other countries in and to sail original, divisional, continuation, substitute or reissume United States of America and all other countries, for divisional priority or benefit of patents for said invention claiming priority or benefit of a and including all claims for damages by reason of pair its own use and the use of its successors, assigns an priority or benefit and the Commissioner of Patents and patents on said improvements or resulting therefrom to therein; and the undersigned for me and my legislations for Letters Patent on said improvements and a amunicate to said assignee or its representatives all fact tenever requested, to testify in any interferences or other to may become involved, to sign all lawful papers, make or aid assignee, its successors, assigns and nominees the set of the expenses incident to said applications to be born.  Wai by Chu
is acknowledge assignee my e invention and applications an said invention, the aforesaid u infringement willegal represent Trademarks is said assignee representatives all original, diviassignments the known to the ulegal proceedin all rightful oathobtain patent p and paid by sai	ad, and other good and valuable consideration of the united State aforesaid utility patent application and a dipatents applied for or granted therefor in including without limitation all applications artility application pursuant to any law or treaty the the right to sue for and collect the same for atives, and including the right to claim such hereby authorized and requested to issue all herein, as assignee of the entire interest, heirs and assigns do hereby agree and other applicational, continuation, reissue and other applications, continuation, reissue and other application of the said assignee or its assigns, to compate the said assignee or applications or patents, and to do generally everything necessary to the total countries of the said applications or patents, and to do generally everything necessary to the countries of the said improvements in all countries of assignee.  **Matter Countries**  **Documents**  Date  Date	in, I as assignor hereby sell, assign and set over to sail tates of America and all other countries in and to sail original, divisional, continuation, substitute or reissume United States of America and all other countries, for divisional priority or benefit of patents for said invention claiming priority or benefit of a and including all claims for damages by reason of pair its own use and the use of its successors, assigns an priority or benefit and the Commissioner of Patents and patents on said improvements or resulting therefrom to therein; and the undersigned for me and my legislations for Letters Patent on said improvements and a amunicate to said assignee or its representatives all fact tenever requested, to testify in any interferences or other to may become involved, to sign all lawful papers, make or aid assignee, its successors, assigns and nominees the set of the expenses incident to said applications to be born.  Wai by Chu
is acknowledge assignee my e invention and applications an said invention, the aforesaid u infringement willegal represent Trademarks is said assignee representatives all original, diviassignments the known to the ulegal proceedin all rightful oathobtain patent p and paid by sai	ad, and other good and valuable consideration tire right, title and interest for the United Sthe aforesaid utility patent application and a dipatents applied for or granted therefor in including without limitation all applications artility application pursuant to any law or treaty the the right to sue for and collect the same for atives, and including the right to claim such hereby authorized and requested to issue all herein, as assignee of the entire interest, heirs and assigns do hereby agree and coversional, continuation, reissue and other appliereof to said assignee or its assigns, to commodersigned respecting said improvements, wings in which any of said applications or patents, and to do generally everything necessary to rotection for said improvements in all countried assignee.  If you will be a supplied to this deed	in, I as assignor hereby sell, assign and set over to sail tates of America and all other countries in and to sail original, divisional, continuation, substitute or reissume United States of America and all other countries, for divisional priority or benefit of patents for said invention claiming priority or benefit of a and including all claims for damages by reason of pair its own use and the use of its successors, assigns an priority or benefit and the Commissioner of Patents and patents on said improvements or resulting therefrom to therein; and the undersigned for me and my legislations for Letters Patent on said improvements and a amunicate to said assignee or its representatives all fact tenever requested, to testify in any interferences or other to may become involved, to sign all lawful papers, make or aid assignee, its successors, assigns and nominees the set of the expenses incident to said applications to be born.  Wai by Chu
is acknowledge assignee my e invention and applications an said invention, the aforesaid u infringement willegal represent Trademarks is said assignee representatives all original, diviassignments the known to the ulegal proceedin all rightful oathobtain patent p and paid by sai	ad, and other good and valuable consideration of the united State aforesaid utility patent application and a dipatents applied for or granted therefor in including without limitation all applications artility application pursuant to any law or treaty the the right to sue for and collect the same for atives, and including the right to claim such hereby authorized and requested to issue all herein, as assignee of the entire interest, heirs and assigns do hereby agree and other applicational, continuation, reissue and other applications, continuation, reissue and other application of the said assignee or its assigns, to compate the said assignee or applications or patents, and to do generally everything necessary to the total countries of the said applications or patents, and to do generally everything necessary to the countries of the said improvements in all countries of assignee.  **Matter Countries**  **Documents**  Date  Date	in, I as assignor hereby sell, assign and set over to sail tates of America and all other countries in and to sail original, divisional, continuation, substitute or reissume United States of America and all other countries, for divisional priority or benefit of patents for said invention claiming priority or benefit of a and including all claims for damages by reason of pair its own use and the use of its successors, assigns an priority or benefit and the Commissioner of Patents and patents on said improvements or resulting therefrom to therein; and the undersigned for me and my legislations for Letters Patent on said improvements and a amunicate to said assignee or its representatives all fact tenever requested, to testify in any interferences or other to may become involved, to sign all lawful papers, make or aid assignee, its successors, assigns and nominees the set of the expenses incident to said applications to be born.  Wai by Chu

LD-515V

\*Total of

forms are submitted.

former PTC#SIS/15 (8:00) Modified LDLK&M

	Docket Number (Optional)										
ASSIGNMENT OF UTILITY APPLICATION	9SCIP 3.3F-059										
Whereas, I, Yuan Li	of										
No. 17, Tianshan Rd., YEDA; Yantai, Shandong; 264006											
hereafter referred to as assignor, have with others invented certain new and useful improvements in Preparation Method For Propylene Epoxidation Catalyst, And Application Thereof											
X for which an application for a United States Letters Patent was filed on March 12, 2020											
Application Number 16/646,828											
for which an application for a United States Letters Patent was executed by me on											
x for which an International Application was filed on	June 14, 2018 , as										
PCT/CN2018/091243 , designating the United	States:										
And											
Whereas, Wanhua Chemical Group Co., Ltd.											
a corporation of People's Republic of China herein referred to as	"assignee" whose mailing address is										
No. 17, Tianshan Rd., YEDA; Yantai, Shandong; 264006; CHINA											
is desirous of acquiring the entire right, title and interest in the same;											
assignee my entire right, title and interest for the United States of America and all other countries in and to said invention and the aforesaid utility petent application and all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries, for said invention, including without limitation all applications and patents for said invention claiming priority or benefit of the aforesaid utility application pursuant to any law or treaty, and including all claims for damages by reason of past infringement with the right to sue for and collect the same for its own use and the use of its successors, assigns and legal representatives, and including the right to claim such priority or benefit and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said improvements or resulting therefrom to said assignee herein, as assignse of the entire interest therein; and the undersigned for me and my legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation, reissue and other applications for Letters Patent on said improvements and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said improvements, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid assignee, its successors, assigns and nominees to obtain patent protection for said improvements in all countries, the expenses incident to said applications to be borne and paid by said assignee.											
And I do hereby authorize my attorneys to insert on this deed the when known.											
2020.1.17	Yuan Li										
Date	Yuan Li										
分別が Witness 注明君 Typed Name of Witness											

x \*Total of 9 forms are submitted.

LD-515\

former PTO/SB/16 (8-90) Modified LDLK&M Docket Number (Optional) ASSIGNMENT OF UTILITY APPLICATION 9SCIP 3.3F-059 Whereas, I, Weiqi Hua No. 17, Transhan Rd., YEDA: Yantai, Shandong: 264006; CHINA hereafter referred to as assignor, have with others invented certain new and useful improvements in Preparation Method For Propylene Epoxidation Catalyst, And Application Thereof X for which an application for a United States Letters Patent was filed on March 12, 2020 Application Number 16/646,828 for which an application for a United States Letters Patent was executed by me on for which an International Application was filed on June 14, 2018 , as PCT/CN2018/091243 , designating the United States. And Whereas, Wanhua Chemical Group Co., Ltd. a corporation of People's Republic of China herein referred to as "assignee" whose mailing address is No. 17, Tianshan Rd., YEDA; Yantai, Shandong; 264006; CHINA is desirous of acquiring the entire right, title and interest in the same; NOW, THEREFORE, in consideration of the sum of one dollar (\$ 1.00 ), the receipt whereof is acknowledged, and other good and valuable consideration. I as assignor hereby sell, assign and set over to said assignee my entire right, title and interest for the United States of America and all other countries in and to said invention and the aforesaid utility patent application and all original, divisional, continuation, substitute or reissue applications and patents applied for or granted therefor in the United States of America and all other countries, for said invention, including without limitation all applications and patents for said invention claiming priority or benefit of the aforesaid utility application pursuant to any law or treaty, and including all claims for damages by reason of past infringement with the right to sue for and collect the same for its own use and the use of its successors, assigns and legal representatives, and including the right to claim such priority or benefit and the Commissioner of Patents and Trademarks is hereby authorized and requested to issue all patents on said improvements or resulting therefrom to said assignee herein, as assignee of the entire interest therein; and the undersigned for me and my legal representatives, heirs and assigns do hereby agree and covenant without further remuneration, to execute and deliver all original, divisional, continuation, reissue and other applications for Letters Patent on said improvements and all assignments thereof to said assignee or its assigns, to communicate to said assignee or its representatives all facts known to the undersigned respecting said improvements, whenever requested, to testify in any interferences or other legal proceedings in which any of said applications or patents may become involved, to sign all lawful papers, make all rightful oaths, and to do generally everything necessary to aid assignee, its successors, assigns and nominees to obtain patent protection for said improvements in all countries, the expenses incident to said applications to be borne and paid by said assignee. And I do hereby authorize my attorneys to insert on this deed the filing date and application number of said application when known.

									***************************************			
Г	X	*11	otal of	9	forms ar						337773	***************************************
							 	 		 	 	*******************************
1.1	3-515	g <sup>o</sup>										

PATENT REEL: 053859 FRAME: 0760

**RECORDED: 09/23/2020** 

Typed Name of Witness