

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT5990448

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JINMING XU	10/29/2019
SISI FAN	10/29/2019
YANQIANG HUANG	10/29/2019
TAO ZHANG	01/02/2020
CHIN LIEN HUANG	11/01/2019
WAN TUN HUNG	10/29/2019
YU CHENG CHEN	10/29/2019
CHIEN HUI WU	10/29/2019
YA WEN CHENG	10/30/2019
MING HSIEN WEN	10/29/2019
CHAO CHIN CHANG	12/29/2019
TSAO CHENG HUANG	10/29/2019
RECEIVING PARTY DATA	
Name:	DALIAN INSTITUTE OF CHEMICAL PHYSICS, CHINESE ACADEMY OF SCIENCES
Street Address:	NO.457 ZHONGSHAN ROAD
City:	DALIAN CITY, LIAONING PROVINCE
State/Country:	CHINA
Postal Code:	116023
Name:	FORMOSA PLASTICS CORPORATION
Street Address:	100, SUEI-GUAN ROAD, JEN-WU DISTRICT
City:	KAOHSIUNG CITY, TAIWAN
State/Country:	CHINA
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16643617
CORRESPONDENCE DATA	
Fax Number:	(703)991-7071
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent</i>	

PATENT

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 703-740-8322
Email: patent@maierandmaier.com
Correspondent Name: MAIER & MAIER, PLLC
Address Line 1: 345 SOUTH PATRICK STREET
Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	12040010US
NAME OF SUBMITTER:	CHRISTOPHER J. MAIER
SIGNATURE:	/Christopher J. Maier/
DATE SIGNED:	03/02/2020
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 12

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DECLARATION AND ASSIGNMENT

Title of Invention: CATALYST FOR CRACKING 1,2-DICHLOROETHANE TO PREPARE CHLOROETHYLENE, PREPARATION AND REGENERATION METHOD THEREOF

DECLARATION

As a below named inventor, I hereby declare that:

This declaration is directed to:

- The attached application, or
 United States application or PCT international application number 16643617, filed on 02-MAR-2020

The above-identified application was made or authorized to be made by me. I believe I am the original inventor or an original joint inventor of a claimed invention in the application. I have reviewed and understood the contents of the above-identified application, including the claims, and any claim amendments made in the application. I acknowledge the duty to disclose all information which is material to patentability as defined in 37 CFR 1.56.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

ASSIGNMENT

WHEREAS, I, Jinming XU, whose post office address is No.457 Zhongshan Road, Dalian City, Liaoning Province, P.R.China 116023, hereinafter referred to as ASSIGNOR, am the owner of useful improvements in CATALYST FOR CRACKING 1,2-DICHLOROETHANE TO PREPARE CHLOROETHYLENE, PREPARATION AND REGENERATION METHOD THEREOF (hereinafter referred to as the INVENTION) for which the above application for United States Letters Patent was filed on: 02-MAR-2020, Serial No.: 16643617; or established by PCT International Patent Application No.: _____ filed: _____ designating the United States of America;

WHEREAS, DALIAN INSTITUTE OF CHEMICAL PHYSICS, CHINESE ACADEMY OF SCIENCES, whose post office address is No.457 Zhongshan Road, Dalian City, Liaoning Province, P.R.China 116023, and FORMOSA PLASTICS CORPORATION, whose post office address is 100, Suei-guan Road, Jen-wu District, Kaohsiung City, Taiwan, China, hereinafter referred to as ASSIGNEES, are desirous of acquiring the entire right, title and interest in and to the same in the United States;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, I, ASSIGNOR, by these presents do sell, assign and transfer unto said ASSIGNEES, the entire right, title, and interest in and to said INVENTION and application throughout the United States of America, including any and all Letters Patent granted on any division, continuation, continuation-in-part and reissue of said application.

ALSO, ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent application(s) in the United States for said INVENTION, including additional documents that may be required to affirm the rights of ASSIGNEES in and to said INVENTION, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEES's expense, to identify and communicate to ASSIGNEES at ASSIGNEES'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 ASSIGNEES that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument. ASSIGNOR's obligations under this instrument shall extend to ASSIGNOR's heirs, executors, administrators and other legal representatives.

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Legal Name of Inventor: Jinming XU

X Jinming XU
 Inventor's Signature

X 2019. 10. 29
 Date

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ASSIGNMENT

WHEREAS, I, Sisi FAN, whose post office address is No.457 Zhongshan Road, Dalian City, Liaoning Province, P.R.China 116023, hereinafter referred to as ASSIGNOR, am the owner of useful improvements in CATALYST FOR CRACKING 1,2-DICHLOROETHANE TO PREPARE CHLOROETHYLENE, PREPARATION AND REGENERATION METHOD THEREOF (hereinafter referred to as the INVENTION) for which the above application for United States Letters Patent was filed on: 02-MAR-2020 Serial No.: 16643617; or established by PCT International Patent Application No.: _____ filed: _____ designating the United States of America;

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Legal Name of Inventor: Sisi FAN

X Sisi FAN
Inventor's Signature

X 2019.10.29
Date

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ASSIGNMENT

WHEREAS, I, Yanqiang HUANG, whose post office address is No.457 Zhongshan Road, Dalian City, Liaoning Province, P.R.China 116023, hereinafter referred to as ASSIGNOR, am the owner of useful improvements in CATALYST FOR CRACKING 1,2-DICHLOROETHANE TO PREPARE CHLOROETHYLENE, PREPARATION AND REGENERATION METHOD THEREOF (hereinafter referred to as the INVENTION) for which the above application for United States Letters Patent was filed on 02-MAR-2020 Serial No.: 16643617; or established by PCT International Patent Application No.: _____ filed: _____ designating the United States of America;

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Legal Name of Inventor: Yanqiang HUANG

X Huang
Inventor's Signature

X 2019.10.29
Date

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ASSIGNMENT

WHEREAS, I, Tao ZHANG, whose post office address is No.457 Zhongshan Road, Dalian City, Liaoning Province, P.R.China 116023, hereinafter referred to as ASSIGNOR, am the owner of useful improvements in CATALYST FOR CRACKING 1,2-DICHLOROETHANE TO PREPARE CHLOROETHYLENE, PREPARATION AND REGENERATION METHOD THEREOF (hereinafter referred to as the INVENTION) for which the above application for United States Letters Patent was filed on: 02-MAR-2020 Serial No.: 16643617; or established by PCT International Patent Application No.: _____ filed: _____ designating the United States of America;

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Legal Name of Inventor: Tao ZHANG

X

Inventor's Signature

X

Date

Jan. 2, 2020

DECLARATION AND ASSIGNMENT

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ASSIGNMENT

WHEREAS, I, Chin Lien HUANG, whose post office address is 100, Suci-guan Road, Jen-wu District, Kaohsiung City, Taiwan, China, hereinafter referred to as ASSIGNOR, am the owner of useful improvements in CATALYST FOR CRACKING 1,2-DICHLOROETHANE TO PREPARE CHLOROETHYLENE, PREPARATION AND REGENERATION METHOD THEREOF (hereinafter referred to as the INVENTION) for which the above application for United States Letters Patent was filed on: 02-MAR-2020 Serial No.: 16643617; or established by PCT International Patent Application No.: _____ filed: _____ designating the United States of America;

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Legal Name of Inventor: Chin Lien HUANG

x Chin-Lien HUANG
Inventor's Signature

x 01-NOV-2019
Date

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WHEREAS, I, Wan Tun HUNG, whose post office address is 100, Suei-guan Road, Jen-wu District, Kaohsiung City, Taiwan, China, hereinafter referred to as ASSIGNOR, am the owner of useful improvements in CATALYST FOR CRACKING 1,2-DICHLOROETHANE TO PREPARE CHLOROETHYLENE, PREPARATION AND REGENERATION METHOD THEREOF (hereinafter referred to as the INVENTION) for which the above application for United States Letters Patent was filed on: 02-MAR-2020 Serial No.: 16643617; or established by PCT International Patent Application No.: _____ filed: _____ designating the United States of America;

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Legal Name of Inventor: Wan Tun HUNG

x Wan Tun Hung
Inventor's Signature

x 2019. 10. 29
Date

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Legal Name of Inventor: Yu Cheng CHEN

X Yu Cheng Chen
Inventor's Signature

X 2020. 10. 29
Date

DECLARATION AND ASSIGNMENT

Title of Invention: CATALYST FOR CRACKING 1,2-DICHLOROETHANE TO PREPARE CHLOROETHYLENE, PREPARATION AND REGENERATION METHOD THEREOF

DECLARATION

As a below named inventor, I hereby declare that:

This declaration is directed to:

The attached application, or

United States application or PCT international application number 16643617, filed on 02-MAR-2020

The above-identified application was made or authorized to be made by me. I believe I am the original inventor or an original joint inventor of a claimed invention in the application. I have reviewed and understood the contents of the above-identified application, including the claims, and any claim amendments made in the application. I acknowledge the duty to disclose all information which is material to patentability as defined in 37 CFR 1.56.

I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

ASSIGNMENT

WHEREAS, I, Chien Hui WU, whose post office address is 100, Suei-guan Road, Jen-wu District, Kaohsiung City, Taiwan, China, hereinafter referred to as ASSIGNOR, am the owner of useful improvements in CATALYST FOR CRACKING 1,2-DICHLOROETHANE TO PREPARE CHLOROETHYLENE, PREPARATION AND REGENERATION METHOD THEREOF (hereinafter referred to as the INVENTION) for which the above application for United States Letters Patent was filed on: 02-MAR-2020 Serial No.: 16643617; or established by PCT International Patent Application No.: _____ filed: _____ designating the United States of America;

WHEREAS, DALIAN INSTITUTE OF CHEMICAL PHYSICS, CHINESE ACADEMY OF SCIENCES, whose post office address is No.457 Zhongshan Road, Dalian City, Liaoning Province, P.R.China 116023, and FORMOSA PLASTICS CORPORATION, whose post office address is 100, Suei-guan Road, Jen-wu District, Kaohsiung City, Taiwan, China, hereinafter referred to as ASSIGNEES, are desirous of acquiring the entire right, title and interest in and to the same in the United States;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, I, ASSIGNOR, by these presents do sell, assign and transfer unto said ASSIGNEES, the entire right, title, and interest in and to said INVENTION and application throughout the United States of America, including any and all Letters Patent granted on any division, continuation, continuation-in-part and reissue of said application.

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Legal Name of Inventor: Chien Hui WU

X Chien Hui WU
Inventor's Signature

X 2019. 10. 29
Date

DECLARATION AND ASSIGNMENT

Title of Invention: CATALYST FOR CRACKING 1,2-DICHLOROETHANE TO PREPARE CHLOROETHYLENE, PREPARATION AND REGENERATION METHOD THEREOF

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I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

ASSIGNMENT

WHEREAS, I, Ya Wen CHENG, whose post office address is 100, Suei-guan Road, Jen-wu District, Kaohsiung City, Taiwan, China, hereinafter referred to as ASSIGNOR, am the owner of useful improvements in CATALYST FOR CRACKING 1,2-DICHLOROETHANE TO PREPARE CHLOROETHYLENE, PREPARATION AND REGENERATION METHOD THEREOF (hereinafter referred to as the INVENTION) for which the above application for United States Letters Patent was filed on: 02-MAR-2020 Serial No.: 16643617; or established by PCT International Patent Application No.: _____ filed: _____ designating the United States of America;

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Legal Name of Inventor: Ya Wen CHENG

Ya Wen CHENG
Inventor's Signature

2019. 10. 30
Date

DECLARATION AND ASSIGNMENT

Title of Invention: CATALYST FOR CRACKING 1,2-DICHLOROETHANE TO PREPARE CHLOROETHYLENE, PREPARATION AND REGENERATION METHOD THEREOF

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I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 USC 1001 by fine or imprisonment of not more than five (5) years, or both.

ASSIGNMENT

WHEREAS, I, Ming Hsien WEN, whose post office address is 100, Suei-guan Road, Jen-wu District, Kaohsiung City, Taiwan, China, hereinafter referred to as ASSIGNOR, am the owner of useful improvements in CATALYST FOR CRACKING 1,2-DICHLOROETHANE TO PREPARE CHLOROETHYLENE, PREPARATION AND REGENERATION METHOD THEREOF (hereinafter referred to as the INVENTION) for which the above application for United States Letters Patent was filed on: 02-MAR-2020 Serial No.: 16643617, or established by PCT International Patent Application No.: _____ filed: _____ designating the United States of America;

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Legal Name of Inventor: Ming Hsien WEN

X Ming Hsien WEN X 2019.10.29

Inventor's Signature Date

DECLARATION AND ASSIGNMENT

Title of Invention: CATALYST FOR CRACKING 1,2-DICHLOROETHANE TO PREPARE CHLOROETHYLENE, PREPARATION AND REGENERATION METHOD THEREOF

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ASSIGNMENT

WHEREAS, I, Chao Chin CHANG, whose post office address is 100, Suei-guan Road, Jen-wu District, Kaohsiung City, Taiwan, China, hereinafter referred to as ASSIGNOR, am the owner of useful improvements in CATALYST FOR CRACKING 1,2-DICHLOROETHANE TO PREPARE CHLOROETHYLENE, PREPARATION AND REGENERATION METHOD THEREOF (hereinafter referred to as the INVENTION) for which the above application for United States Letters Patent was filed on: 02-MAR-2020 Serial No.: 16643617; or established by PCT International Patent Application No.: _____ filed: _____ designating the United States of America,

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Legal Name of Inventor: Chao Chin CHANG

x Chao Chin CHANG
Inventor's Signature

x 2019.12.29
Date

DECLARATION AND ASSIGNMENT

Title of Invention: CATALYST FOR CRACKING 1,2-DICHLOROETHANE TO PREPARE CHLOROETHYLENE PREPARATION AND REGENERATION METHOD THEREOF

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ASSIGNMENT

WHEREAS, I, Tsao Cheng HUANG, whose post office address is 100, Swei-guan Road, Jen-wu District, Kaohsiung City, Taiwan, China, hereinafter referred to as ASSIGNOR, am the owner of useful improvements in CATALYST FOR CRACKING 1,2-DICHLOROETHANE TO PREPARE CHLOROETHYLENE PREPARATION AND REGENERATION METHOD THEREOF (hereinafter referred to as the INVENTION) for which the above application for United States Letters Patent was filed on: 02-MAR-2020 Serial No.: 16643617; or established by PCT International Patent Application No.: _____ filed: _____ designating the United States of America;

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Legal Name of Inventor: Tsao Cheng HUANG

x Tsao Cheng Huang
Inventor's Signature

x 2019 10 29
Date