

TRUE COPY

TO ALL TO WHOM THESE PRESENTS SHALL COME,

I Do Hereby Certify that the annexed document(s) are TRUE COPIES of the original document(s) which I have compared. The original document(s) contains the authentic signature(s) from the inventor(s).

at Lake Jackson, Texas 77566 USA

this 23rd day of September 20 19

Jenna Boyd
Jenna Boyd
Office Professional
THE DOW CHEMICAL COMPANY

NOTARIAL CERTIFICATE

UNITED STATES OF AMERICA)
 STATE OF **TEXAS**) SS
 County/Parish of **Brazoria**)

On this 23rd day of September 20 19, personally
 appeared before me,

Jenna Boyd

known or identified to me to be the individual who executed the foregoing document and acknowledged the same as a free act and deed for uses and purposes therein expressed.

SEAL

Kristyn Huffman
 Notary Public



CORP.
SEAL

DARRYL P. FRICKEY
Authorized Representative

WE, the ASSIGNEE: **THE DOW CHEMICAL COMPANY**
2030 Dow Center
Midland, Michigan 48674
United States of America

From, the ASSIGNOR:

of the invention entitled:

MULTILAYER FILMS AND LAMINATES CONTAINING SLIP AGENTS

without any restrictions and with all rights and obligations deriving therefrom and declare that this confirmation of acceptance shall be deemed a part of the said ASSIGNMENT.

Signed at Midland, Michigan 48674, USA

this 16th day of October, 20 18

CORP.
SEAL

THE DOW CHEMICAL COMPANY

By:

DARRYL P. FRICKEY
Authorized Representative

ASSIGNMENT

(with Priority Rights)

and

INVENTORSHIP DECLARATION

We, ASSIGNOR, of: **DOW CHEMICAL (CHINA) INVESTMENT COMPANY LIMITED**
Unit 03, C Zone, 2F, 3rd Building, No. 936 Zhangheng Road
Shanghai Pilot Free Trade Zone
Shanghai 201203
People's Republic of China

an entity organized and existing under the laws of **CHINA** do hereby claim and declare that we hold the invention and all patent and other rights and powers obtainable or exercisable in respect thereof from the sole, true and first inventor(s):

Fengyi Su, at No. 936, Zhangheng Road, Zhangjiang Hi-Tech Park, Shanghai 201203, People's Republic of China; Andong Liu, at No. 936, Zhangheng Road, Zhangjiang Hi-Tech Park, Shanghai 201203, People's Republic of China; Hongyu Chen, at No. 936, Zhangheng Road, Zhangjiang Hi-Tech Park, Shanghai 201203, People's Republic of China; Jianping Pan, at No. 936, Zhangheng Road, Zhangjiang Hi-Tech Park, Shanghai 201203, People's Republic of China; Xiao Bing Yun, at No. 936, Zhangheng Road, Zhangjiang Hi-Tech Park, Shanghai 201203, People's Republic of China; and Guihong Liao, at No. 936, Zhangheng Road, Zhangjiang Hi-Tech Park, Shanghai 201203, People's Republic of China; Erqiang Chen, at Room 603, Building B, No. 202 Chengfu Rd., Haidian District, Beijing 100871, People's Republic of China and Tipeng Zhao, at Room 606, Building B, No. 202 Chengfu Rd., Haidian District, Beijing 100871, People's Republic of China

by an Assignment dated: April 17, 2018; April 18, 2018; April 17, 2018; April 17, 2018; April 17, 2018; April 18, 2018; March 7, 2018; and March 7, 2018, respectively of an invention relating to and entitled:

MULTILAYER FILMS AND LAMINATES CONTAINING SLIP AGENTS

We do hereby declare, for good and valuable consideration, effective as of June 9, 2017, received, sell, assign, and transfer unto:

WE, the ASSIGNEE: **THE DOW CHEMICAL COMPANY**
2030 Dow Center
Midland, Michigan 48674
United States of America

an entity organized and existing under the laws of the State of Delaware, United States of America our entire right, title and interest throughout the world, in and to the invention and all rights and powers to make application for Letters Patent in its own name, or in the name of its nominee; and all rights and powers to file any reissue, divisional, continuing or substitute application and any corresponding applications in any and all countries, including all rights to claim priority under all International Conventions and Treaties in the name of said Assignee, and do hereby authorize said Assignee to insert here the Priority Number, Filing Date, and Filing Country

Priority Number	Filing Date	Filing Country
PCT/CN2017/087642	June 9, 2017	PCT (International)

of the application on which the priority will be based; and in and to any Letters Patent that may be issued for said invention in any and all countries; and we do hereby agree to assist said Assignee in the prosecution of the said applications and in any interference, conflict, opposition or litigation which may arise involving said invention or the patent or patents thereon, and to execute any reissue, divisional, continuing or substitute application and assent to their making any applications in other countries corresponding to the above and below specifically identified application, as may be requested by said Assignee; and we do hereby authorize said Assignee to insert here the corresponding Application Number, Filing Date, and Filing Country

Application Number	Filing Date	Filing Country

of the corresponding application in any country where that patent property must be entered for recordal of this Assignment; and we do hereby authorize and request that any such Letters Patent be issued to said Assignee in accordance herewith, and consent to the recordal of this Assignment being under covenant, not only that we have full power to make the same, but also that such assigned rights are not encumbered by any grant, license, or other right heretofore given.

Subscribed and Sworn by us at **Shanghai, China**

this 16th day of October, 20 18

DOW CHEMICAL (CHINA) INVESTMENT COMPANY LIMITED

CORP.
SEAL

By: _____

XIMING (NICK) ZHANG
Authorized Representative

ASSIGNEE ACCEPTANCE

WE, the ASSIGNEE: **DOW CHEMICAL (CHINA) INVESTMENT COMPANY LIMITED**
Unit 03, C Zone, 2F, 3rd Building, No. 936 Zhangheng Road
Shanghai Pilot Free Trade Zone
Shanghai 201203
People's Republic of China

hereby accept the ASSIGNMENT which is dated: April 17, 2018; April 18, 2018; April 17, 2018;
April 17, 2018; April 17, 2018; and April 18, 2018; effective as of June 9, 2017

From, the ASSIGNORS: Fengyi Su, at No. 936, Zhangheng Road, Zhangjiang Hi-Tech Park,
Shanghai 201203, People's Republic of China; Andong Liu, at No. 936, Zhangheng Road,
Zhangjiang Hi-Tech Park, Shanghai 201203, People's Republic of China; Hongyu Chen, at No. 936,
Zhangheng Road, Zhangjiang Hi-Tech Park, Shanghai 201203, People's Republic of China; Jianping
Pan, at No. 936, Zhangheng Road, Zhangjiang Hi-Tech Park, Shanghai 201203, People's Republic of
China; Xiao Bing Yun, at No. 936, Zhangheng Road, Zhangjiang Hi-Tech Park, Shanghai 201203,
People's Republic of China; and Guihong Liao, at No. 936, Zhangheng Road, Zhangjiang Hi-Tech
Park, Shanghai 201203, People's Republic of China

of the invention entitled:

MULTILAYER FILMS AND LAMINATES CONTAINING SLIP AGENTS

without any restrictions and with all rights and obligations deriving therefrom and declare that this
confirmation of acceptance shall be deemed a part of the said ASSIGNMENT.

Signed at Shanghai, China

this 16th day of October, 20 18

**DOW CHEMICAL (CHINA) INVESTMENT COMPANY
LIMITED**

CORP.
SEAL

By: Ximing Zhang
XIMING (NICK) ZHANG
Authorized Representative

I/we verily believe I am/we are the original, first and sole/joint inventor(s) of the subject matter which is embraced by and for which a patent is sought on the invention entitled: **MULTILAYER FILMS AND LAMINATES CONTAINING SLIP AGENTS**.

which invention was made and invented by me/us out of and in the course of my/our employment with my/our respective employers as stated below my/our name(s). I/we acknowledge that I/we hold the invention and all patent and other rights and powers obtainable or exercisable in respect thereof in trust for our respective employers. As trustee(s), and for good and valuable consideration and/or the remuneration received for my/our work, I/we sell, assign and transfer unto:

Dow Chemical (China) Investment Company Limited
Unit 03, C Zone, 2F, 3rd Building, No. 936 Zhangheng Road
Zhangjiang Hi-Tech Park
Shanghai 201203
People's Republic of China

an entity organized and existing under the laws of the state of **China** (hereinafter referred to as the "Assignee"); my/our entire right, title and interest throughout the world, in and to the invention and all rights and powers to make applications, including provisional applications when permitted by law, for Letters Patent in its own name, or in the name of its designee (or nominee(s)); and all rights and powers to file any corresponding or equivalent applications in any and all countries, including all rights to claim priority under all United States domestic laws, International Convention(s) and Treaties in the name of Assignee, and do hereby authorize Assignee or its designee to insert here the Priority Number, Filing Date, and Filing Country

Priority Number	Filing Date	Filing Country
PCT/CN2017/087642	June 9, 2017	PCT (International)

of the application, on which the claim for priority will be based; and in and to any Letters Patent that may be issued for the invention in any and all countries. I/we do hereby agree to assist Assignee in the prosecution of the application(s) and in any interference, conflict, opposition or litigation which may arise involving the invention or the patent or patents thereon, and to execute for any and all countries any document relating to applications derived from, corresponding to or equivalent to the above identified application as Assignee may request.

I/we authorize Assignee or its designee to translate this Assignment into all languages necessary; and we request that any such Letters Patent be issued to Assignee; and consent to the recordal of this Assignment, or a Notarial True Copy thereof, being under covenant not only that I/we have full power to make the same, but also that such assigned rights are not encumbered by any grant, license, or other right heretofore given.

Subscribed and Declared by me/us:

At: Shanghai, China
 this 17 day of April, 20 18
 Effective as of June 9, 2017

Signature: Fengyi Su
 Full Name: Fengyi Su
 Mailing Address: No. 936, Zhangheng Road
 Zhangjiang Hi-Tech Park
 Shanghai 201203
 People's Republic of China

At: _____
this _____ day of _____, 20 _____
Effective as of June 9, 2017

Signature: _____

Full Name: Andong Liu

Mailing Address: No. 936, Zhangheng Road
Zhangjiang Hi-Tech Park
Shanghai 201203
People's Republic of China

At: _____
 this _____ day of _____, 20 _____
 Effective as of June 9, 2017

Signature: _____

Full Name: Hongyu Chen

Mailing Address: No. 936, Zhangheng Road
 Zhangjiang Hi-Tech Park
 Shanghai 201203
 People's Republic of China

At: _____
this _____ day of _____, 20 _____
Effective as of June 9, 2017

Signature: _____

Full Name: Jianping Pan

Mailing Address: No. 936, Zhangheng Road
Zhangjiang Hi-Tech Park
Shanghai 201203
People's Republic of China

At: _____
 this _____ day of _____, 20 _____
 Effective as of June 9, 2017

Signature: _____

Full Name: Xiao Bing Yun

Mailing Address: No. 936, Zhangheng Road
 Zhangjiang Hi-Tech Park
 Shanghai 201203
 People's Republic of China

At: _____
 this _____ day of _____, 20 _____
 Effective as of June 9, 2017

Signature: _____

Full Name: Guihong Liao

Mailing Address: No. 936, Zhangheng Road
 Zhangjiang Hi-Tech Park
 Shanghai 201203
 People's Republic of China

[illegible]

This Assignment 110 is in the ENGLISH language and has the same meaning in other languages with the same 110 number and R'Date

At: Shanghai
this 18th day of April, 20 18
Effective as of June 9, 2017

Signature: Guihong Liao
Full Name: Guihong Liao
Mailing Address: No. 936, Zhangheng Road
Zhangjiang Hi-Tech Park
Shanghai 201203
People's Republic of China

[illegible]

This Assignment 110 is in the ENGLISH language and has the same meaning in other languages with the same 110 number and R Date

FORM 110 (R 5/97)

I/we verily believe I am/we are the original, first and sole/joint inventor(s) of the subject matter which is embraced by and for which a patent is sought on the invention entitled: **MULTILAYER FILMS AND LAMINATES CONTAINING SLIP AGENTS**

which invention was made and invented by me/us out of and in the course of my/our employment with my/our respective employers as stated below my/our name(s). I/we acknowledge that I/we hold the invention and all patent and other rights and powers obtainable or exercisable in respect thereof in trust for our respective employers. As trustee(s), and for good and valuable consideration and/or the remuneration received for my/our work, I/we sell, assign and transfer unto:

Dow Chemical (China) Investment Company Limited
Unit 03, C Zone, 2F, 3rd Building, No. 936 Zhangheng Road
Zhangjiang Hi-Tech Park
Shanghai 201203
People's Republic of China

an entity organized and existing under the laws of the state of **China** (hereinafter referred to as the "Assignee"); my/our entire right, title and interest throughout the world, in and to the invention and all rights and powers to make applications, including provisional applications when permitted by law, for Letters Patent in its own name, or in the name of its designee (or nominee(s)); and all rights and powers to file any corresponding or equivalent applications in any and all countries, including all rights to claim priority under all United States domestic laws, International Convention(s) and Treaties in the name of Assignee, and do hereby authorize Assignee or its designee to insert here the Priority Number, Filing Date, and Filing Country

Priority Number	Filing Date	Filing Country
PCT/CN2017/087642	June 9, 2017	PCT (International)

of the application, on which the claim for priority will be based; and in and to any Letters Patent that may be issued for the invention in any and all countries. I/we do hereby agree to assist Assignee in the prosecution of the application(s) and in any interference, conflict, opposition or litigation which may arise involving the invention or the patent or patents thereon, and to execute for any and all countries any document relating to applications derived from, corresponding to or equivalent to the above identified application as Assignee may request.

I/we authorize Assignee or its designee to translate this Assignment into all languages necessary; and we request that any such Letters Patent be issued to Assignee; and consent to the recordal of this Assignment, or a Notarial True Copy thereof, being under covenant not only that I/we have full power to make the same, but also that such assigned rights are not encumbered by any grant, license, or other right heretofore given.

Subscribed and Declared by me/us:

At: _____
this _____ day of _____, 20 _____
Effective as of June 9, 2017

Signature: _____
Full Name: Fengyi Su
Mailing Address: No. 936, Zhongheng Road
Zhangjiang Hi-Tech Park
Shanghai 201203
People's Republic of China

At: _____
this _____ day of _____, 20 _____
Effective as of June 9, 2017

Signature: _____
Full Name: Andong Liu
Mailing Address: No. 936, Zhangheng Road
Zhangjiang Hi-Tech Park
Shanghai 201203
People's Republic of China

At: _____
this _____ day of _____, 20 _____
Effective as of June 9, 2017

Signature: _____
Full Name: Hongyu Chen
Mailing Address: No. 936, Zhangheng Road
Zhangjiang Hi-Tech Park
Shanghai 201203
People's Republic of China

At: Shanghai
this 17 day of April, 20 18
Effective as of June 9, 2017

Signature: _____
Full Name: Jianping Pan
Mailing Address: No. 936, Zhangheng Road
Zhangjiang Hi-Tech Park
Shanghai 201203
People's Republic of China

At: _____
this _____ day of _____, 20 _____
Effective as of June 9, 2017

Signature: _____
Full Name: Xiao Bing Yun
Mailing Address: No. 936, Zhangheng Road
Zhangjiang Hi-Tech Park
Shanghai 201203
People's Republic of China

At: _____
this _____ day of _____, 20 _____
Effective as of June 9, 2017

Signature: _____
Full Name: Guihong Liao
Mailing Address: No. 936, Zhangheng Road
Zhangjiang Hi-Tech Park
Shanghai 201203
People's Republic of China

ASSIGNEE ACCEPTANCE

WE, the ASSIGNEE: **DOW CHEMICAL (CHINA) INVESTMENT COMPANY LIMITED**
Unit 03, C Zone, 2F, 3rd Building, No. 936 Zhangheng Road
Shanghai Pilot Free Trade Zone
Shanghai 201203
People's Republic of China

hereby accept the ASSIGNMENT which is dated: September 20, 2018; effective as of June 9, 2017

From, the ASSIGNOR:

PEKING UNIVERSITY
No. 5 Yiheyuan Road
Haidian District
Beijing 100871
People's Republic of China

of the invention entitled:

MULTILAYER FILMS AND LAMINATES CONTAINING SLIP AGENTS

without any restrictions and with all rights and obligations deriving therefrom and declare that this confirmation of acceptance shall be deemed a part of the said ASSIGNMENT.

Signed at **Shanghai, China**

this 16th day of October, 20 18

CORP.
SEAL

**DOW CHEMICAL (CHINA) INVESTMENT COMPANY
LIMITED**

By: Ximing Zhang
XIMING (NICK) ZHANG
Authorized Representative

INVENTORSHIP DECLARATION 发明权声明

and in and to any Letters Patent that may be issued for said invention in any and all countries; and we do hereby agree to assist said Assignee in the prosecution of the said applications and in any interference, conflict, opposition or litigation which may arise involving said invention or the patent or patents thereon, and to execute any reissue, divisional, continuing or substitute application and assent to their making any applications in other countries corresponding to the above and below specifically identified application, as may be requested by said Assignee; and we do hereby authorize said Assignee to insert here the corresponding Application Number, Filing Date, and Filing Country of the corresponding application in any country where that patent property must be entered for recordal of this Assignment;

和在任何及所有国家就上述发明可能被颁发的有关专利特许证; 并且我方在此同意基于上述被转让方可可能的要求, 协助被转让方处理专利申请申请的审查, 和协助处理可能产生的涉及上述发明或本专利或由此生成的其他专利的任何妨碍、冲突、异议或诉讼, 并且将签署任何重新发证、分割、延续或替代申请以及同意其在他其他国家就有关上述其下述特别明确的申请提交任何申请; 并且我方特此授权上述被转让方在该转让记录的专利财产必须进行登记的国家提交的相关

Application Number 申请号	Filing Date 申请日	Filing Country 申请国家

and we do hereby authorize and request that any such Letters Patent be issued to said Assignee in accordance herewith, and consent to the recordal of this Assignment being under covenant, not only that we have full power to make the same, but also that such assigned rights are not encumbered by any grant, license, or other right heretofore given.
并且我方特此授权并要求任何该专利特许证将据此被颁发给上述被转让方，并依据不仅我方有完整权力做出上述授权，而且该被转让的权利没有因任何在先存在的授权、许可或其他在权利而受阻的约定同意该转让登记。

Subscribed and Sworn by us at 北京市海淀区成府路202号B楼603室
我方签署并宣誓于 _____

this 18 day of _____, 20 _____
20 18 年 9 月 20 日

CORP.
SEAL (公章)

PEKING UNIVERSITY 北京大学

By 签署: _____
Name (姓名): 陈明强
Title (职务): 教授



ASSIGNEE ACCEPTANCE

被转让方接受函

WE, the ASSIGNEE:

我方, 被转让方:

PEKING UNIVERSITY

No. 5 Yiheyuan Road

Haidian District

Beijing 100871

People's Republic of China

北京大学

中华人民共和国北京市

海淀区颐和园路 5 号

邮编: 100871

hereby accept the ASSIGNMENT which is dated: March 7, 2018 and March 7, 2018; effective as of June 9, 2017

From, the ASSIGNORS: Erqiang Chen, at Room 603, Building B, No. 202 Chengfu Rd., Haidian District, Beijing 100871, People's Republic of China and Tipeng Zhao, at Room 606, Building B, No. 202 Chengfu Rd., Haidian District, Beijing 100871, People's Republic of China

of the invention entitled:

MULTILAYER FILMS AND LAMINATES CONTAINING SLIP AGENTS

without any restrictions and with all rights and obligations deriving therefrom and declare that this confirmation of acceptance shall be deemed a part of the said ASSIGNMENT.

在此接受从转让方陈尔强, 地址为中华人民共和国北京市海淀区成府路 202 号 B 楼 603 室, 邮编: 100871, 和赵体鹏, 地址为中华人民共和国北京市海淀区成府路 202 号 B 楼 606 室, 邮编: 100871, 对标题为含有爽滑剂的多层薄膜和层压板的发明签署于 2018 年 3 月 7 日和 2018 年 3 月 7 日; 生效于 2017 年 6 月 9 日的不设任何限制且包含该发明产生的所有权利及义务的转让, 并声明该确认接受函应当视为上述转让的一部分。

Signed at 签
署于

北京市海淀区成府路 202 号 B 楼 603 室

this _____ day of _____, 20 _____
20 18 年 9 月 20 日

CORP.

SEAL (公章)

PEKING UNIVERSITY 北京大学

By 签署:

Name (姓名):

Title (职务):



[illegible]

This Assignment 110 is in the ENGLISH language and has the same meaning in other languages with the same 110 number and R/Date

At: _____
this _____ day of _____, 20 _____

Signature: _____

Full Name: _____

Mailing Address: _____

By: STEVEN W. MORK
STEVEN W. MORK
Authorized Representative

CORP.
SEAL



DARRYL P. FRICKEY
Authorized Representative

WE, the ASSIGNEE: **DOW EUROPE GMBH**
Bachtobelstrasse 3
CH-8810 Horgen
Switzerland

of the invention entitled:

without any restrictions and with all rights and obligations deriving therefrom and declare that this confirmation of acceptance shall be deemed a part of the said ASSIGNMENT.

CORP.
SEAL

By: _____

DARRYL P. FRICKEY
Authorized Representative

[illegible]

This Assignment 110 is in the ENGLISH language and has the same meaning in other languages with the same 110 number and R/Date

At: _____
this _____ day of _____, 20____

Signature: _____
Full Name: _____
Mailing Address: _____