

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT2647358

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>TOSHIAKI YAMAGUCHI</td> <td>11/08/2013</td> </tr> <tr> <td>LIANG LI</td> <td>11/08/2013</td> </tr> <tr> <td>XING FAN</td> <td>10/21/2013</td> </tr> </tbody> </table>		Name	Execution Date	TOSHIAKI YAMAGUCHI	11/08/2013	LIANG LI	11/08/2013	XING FAN	10/21/2013		
Name	Execution Date										
TOSHIAKI YAMAGUCHI	11/08/2013										
LIANG LI	11/08/2013										
XING FAN	10/21/2013										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>EXXONMOBIL ASIA PACIFIC RESEARCH AND DEVELOPMENT COMPANY LTD</td> </tr> <tr> <td>Street Address:</td> <td>1099 ZI XING ROAD</td> </tr> <tr> <td>City:</td> <td>SHANGHAI</td> </tr> <tr> <td>State/Country:</td> <td>CHINA</td> </tr> <tr> <td>Postal Code:</td> <td>200241</td> </tr> </table>		Name:	EXXONMOBIL ASIA PACIFIC RESEARCH AND DEVELOPMENT COMPANY LTD	Street Address:	1099 ZI XING ROAD	City:	SHANGHAI	State/Country:	CHINA	Postal Code:	200241
Name:	EXXONMOBIL ASIA PACIFIC RESEARCH AND DEVELOPMENT COMPANY LTD										
Street Address:	1099 ZI XING ROAD										
City:	SHANGHAI										
State/Country:	CHINA										
Postal Code:	200241										
PROPERTY NUMBERS Total: 1											
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>14006473</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14006473						
Property Type	Number										
Application Number:	14006473										
CORRESPONDENCE DATA											
Fax Number:	(281)834-7413										
Phone:	281-834-1978										
Email:	catherine.a.haynes@exxonmobil.com										
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>											
Correspondent Name:	EXXONMOBIL CHEMICAL COMPANY										
Address Line 1:	P.O. BOX 2149										
Address Line 4:	BAYTOWN, TEXAS 77522-2149										
ATTORNEY DOCKET NUMBER:	2011EM073										
NAME OF SUBMITTER:	JENNIFER SCHMIDT, REG. NO. 63040										
Signature:	/ Jennifer A. Schmidt/										
Date:	12/13/2013										

PATENT

**Total Attachments: 6**

source=2011EM073-US-Assignment-Inventors 2EAPRD#page1.tif

source=2011EM073-US-Assignment-Inventors 2EAPRD#page2.tif

source=2011EM073-US-Assignment-Inventors 2EAPRD#page3.tif

source=2011EM073-US-Assignment-Inventors 2EAPRD#page4.tif

source=2011EM073-US-Assignment-Inventors 2EAPRD#page5.tif

source=2011EM073-US-Assignment-Inventors 2EAPRD#page6.tif

## ASSIGNMENT

### INVENTOR(S):

Toshiaki Yamaguchi

Liang Li

Xing Fan

In consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of and/or promise of payment which is hereby acknowledged, the undersigned person(s) named above, herein referred to as UNDERSIGNED, hereby agree(s) as follows:

- 1) UNDERSIGNED hereby assign(s) to ExxonMobil Asia Pacific Research and Development Company Ltd., a corporation of Delaware, its successors, legal representatives and assigns, herein referred to collectively as ASSIGNEE, the entire right, title and interest, for the United States and all foreign countries, in and to UNDERSIGNED'S invention or improvement and to all patent applications and patents covering same which is described in a patent application entitled:

#### **"Die and Process for Extrusion"**

and being further identified as USSN Application No.: 14/006,473; Atty. Docket No. 2011EM073, filed, September 20, 2013, and all rights of priority created by said application under provisions of international conventions or treaties.

- 2) UNDERSIGNED agree(s) upon the request of ASSIGNEE to execute any and all applications for and documents relating to obtaining patents and the prosecution thereof for said invention or improvement, and any continuations of such applications or substitutes therefore or registrations thereof, and any specific separate assignments of any of the above required for recording in the United States Patent and Trademark Office and any foreign patent office that ASSIGNEE may deem necessary or expedient.
- 3) UNDERSIGNED agree(s) that in the event of any application based on said assigned invention or improvement, or patent issued thereon, or any reissue or application for the reissue thereof, becoming involved in priority of invention proceedings, UNDERSIGNED will cooperate with ASSIGNEE to the best of the ability of UNDERSIGNED in the matter of preparing and executing all documents and giving and producing evidence in support thereof.
- 4) UNDERSIGNED agree(s) to perform upon ASSIGNEE's request any and all affirmative acts to obtain United States and foreign patents covering said invention or improvement and to vest all rights therein hereby conveyed to ASSIGNEE, as fully and as entirely as the same would have been held and enjoyed by UNDERSIGNED if this assignment and sale had not been made.
- 5) UNDERSIGNED hereby authorize(s) ASSIGNEE's attorney to insert at paragraph 1, in this instrument the date on which the above-referenced patent application was filed, as well as the application number thereof when known.

ASSIGNMENT (Cont'd.)

IN WITNESS WHEREOF, this assignment has been executed by UNDERSIGNED on the date opposite UNDERSIGNED'S NAME.

DATE Nov. 8, 2013 T. Yamaguchi  
Toshiaki Yamaguchi (Inventor)

Yoshiyuki Tanaka [Signature]  
Witness (Print Name) Witness (Signature)

DATE \_\_\_\_\_  
Liang Li (Inventor)

\_\_\_\_\_  
Witness (Print Name) Witness (Signature)

DATE \_\_\_\_\_  
Xing Fan (Inventor)

\_\_\_\_\_  
Witness (Print Name) Witness (Signature)

## ASSIGNMENT

INVENTOR(S):

Toshiaki Yamaguchi

Liang Li

Xing Fan

In consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of and/or promise of payment which is hereby acknowledged, the undersigned person(s) named above, herein referred to as UNDERSIGNED, hereby agree(s) as follows:

- 1) UNDERSIGNED hereby assign(s) to ExxonMobil Asia Pacific Research and Development Company Ltd., a corporation of Delaware, its successors, legal representatives and assigns, herein referred to collectively as ASSIGNEE, the entire right, title and interest, for the United States and all foreign countries, in and to UNDERSIGNED'S invention or improvement and to all patent applications and patents covering same which is described in a patent application entitled:

### **"Die and Process for Extrusion"**

and being further identified as USSN Application No.: 14/006,473; Atty. Docket No. 2011EM073, filed, September 20, 2013, and all rights of priority created by said application under provisions of international conventions or treaties.

- 2) UNDERSIGNED agree(s) upon the request of ASSIGNEE to execute any and all applications for and documents relating to obtaining patents and the prosecution thereof for said invention or improvement, and any continuations of such applications or substitutes therefore or registrations thereof, and any specific separate assignments of any of the above required for recording in the United States Patent and Trademark Office and any foreign patent office that ASSIGNEE may deem necessary or expedient.
- 3) UNDERSIGNED agree(s) that in the event of any application based on said assigned invention or improvement, or patent issued thereon, or any reissue or application for the reissue thereof, becoming involved in priority of invention proceedings, UNDERSIGNED will cooperate with ASSIGNEE to the best of the ability of UNDERSIGNED in the matter of preparing and executing all documents and giving and producing evidence in support thereof.
- 4) UNDERSIGNED agree(s) to perform upon ASSIGNEE's request any and all affirmative acts to obtain United States and foreign patents covering said invention or improvement and to vest all rights therein hereby conveyed to ASSIGNEE, as fully and as entirely as the same would have been held and enjoyed by UNDERSIGNED if this assignment and sale had not been made.
- 5) UNDERSIGNED hereby authorize(s) ASSIGNEE's attorney to insert at paragraph 1, in this instrument the date on which the above-referenced patent application was filed, as well as the application number thereof when known.

ASSIGNMENT (Cont'd.)

IN WITNESS WHEREOF, this assignment has been executed by UNDERSIGNED on the date opposite UNDERSIGNED'S NAME.

DATE \_\_\_\_\_  
Toshiaki Yamaguchi (Inventor)

\_\_\_\_\_  
Witness (Print Name)                      Witness (Signature)

DATE 2013-11-8                      Liang Li  
Liang Li (Inventor)

Barbara Wright                      Barbara Wright  
Witness (Print Name)                      Witness (Signature)

DATE \_\_\_\_\_  
Xing Fan (Inventor)

\_\_\_\_\_  
Witness (Print Name)                      Witness (Signature)

## ASSIGNMENT

INVENTOR(S):

Toshiaki Yamaguchi

Liang Li

Xing Fan

In consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of and/or promise of payment which is hereby acknowledged, the undersigned person(s) named above, herein referred to as UNDERSIGNED, hereby agree(s) as follows:

- 1) UNDERSIGNED hereby assign(s) to ExxonMobil Asia Pacific Research and Development Company Ltd., a corporation of Delaware, its successors, legal representatives and assigns, herein referred to collectively as ASSIGNEE, the entire right, title and interest, for the United States and all foreign countries, in and to UNDERSIGNED'S invention or improvement and to all patent applications and patents covering same which is described in a patent application entitled:

### **"Die and Process for Extrusion"**

and being further identified as USSN Application No.: 14/006,473; Atty. Docket No. 2011EM073, filed, September 20, 2013, and all rights of priority created by said application under provisions of international conventions or treaties.

- 2) UNDERSIGNED agree(s) upon the request of ASSIGNEE to execute any and all applications for and documents relating to obtaining patents and the prosecution thereof for said invention or improvement, and any continuations of such applications or substitutes therefore or registrations thereof, and any specific separate assignments of any of the above required for recording in the United States Patent and Trademark Office and any foreign patent office that ASSIGNEE may deem necessary or expedient.
- 3) UNDERSIGNED agree(s) that in the event of any application based on said assigned invention or improvement, or patent issued thereon, or any reissue or application for the reissue thereof, becoming involved in priority of invention proceedings, UNDERSIGNED will cooperate with ASSIGNEE to the best of the ability of UNDERSIGNED in the matter of preparing and executing all documents and giving and producing evidence in support thereof.
- 4) UNDERSIGNED agree(s) to perform upon ASSIGNEE's request any and all affirmative acts to obtain United States and foreign patents covering said invention or improvement and to vest all rights therein hereby conveyed to ASSIGNEE, as fully and as entirely as the same would have been held and enjoyed by UNDERSIGNED if this assignment and sale had not been made.
- 5) UNDERSIGNED hereby authorize(s) ASSIGNEE's attorney to insert at paragraph 1, in this instrument the date on which the above-referenced patent application was filed, as well as the application number thereof when known.

ASSIGNMENT (Cont'd.)

IN WITNESS WHEREOF, this assignment has been executed by UNDERSIGNED on the date opposite UNDERSIGNED'S NAME.

DATE \_\_\_\_\_  
Toshiaki Yamaguchi (Inventor)

\_\_\_\_\_  
Witness (Print Name)      Witness (Signature)

DATE \_\_\_\_\_  
Liang Li (Inventor)

\_\_\_\_\_  
Witness (Print Name)      Witness (Signature)

DATE Oct. 21st, 2013      Xing Fan  
Xing Fan (Inventor)

Yizhen Liu      Yizhen Liu  
Witness (Print Name)      Witness (Signature)