

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5580710

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| <b>SUBMISSION TYPE:</b>                                                                                                                                                                         | NEW ASSIGNMENT                  |
| <b>NATURE OF CONVEYANCE:</b>                                                                                                                                                                    | ASSIGNMENT                      |
| <b>CONVEYING PARTY DATA</b>                                                                                                                                                                     |                                 |
| <b>Name</b>                                                                                                                                                                                     | <b>Execution Date</b>           |
| GWANGHOON KWAG                                                                                                                                                                                  | 01/23/2019                      |
| HANBAEK LEE                                                                                                                                                                                     | 01/23/2019                      |
| DONG EUN KANG                                                                                                                                                                                   | 01/23/2019                      |
| <b>RECEIVING PARTY DATA</b>                                                                                                                                                                     |                                 |
| <b>Name:</b>                                                                                                                                                                                    | KUMHO PETROCHEMICAL             |
| <b>Street Address:</b>                                                                                                                                                                          | EAST WING, 100                  |
| <b>Internal Address:</b>                                                                                                                                                                        | CHEONGGYECHEON-RO, JUNG-GU      |
| <b>City:</b>                                                                                                                                                                                    | SEOUL                           |
| <b>State/Country:</b>                                                                                                                                                                           | KOREA, REPUBLIC OF              |
| <b>Postal Code:</b>                                                                                                                                                                             | 04542                           |
| <b>PROPERTY NUMBERS Total: 1</b>                                                                                                                                                                |                                 |
| <b>Property Type</b>                                                                                                                                                                            | <b>Number</b>                   |
| Application Number:                                                                                                                                                                             | 16166939                        |
| <b>CORRESPONDENCE DATA</b>                                                                                                                                                                      |                                 |
| <b>Fax Number:</b>                                                                                                                                                                              |                                 |
| <i>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.</i> |                                 |
| <b>Email:</b>                                                                                                                                                                                   | USPTOinboxroc@pepperlaw.com     |
| <b>Correspondent Name:</b>                                                                                                                                                                      | PEPPER HAMILTON LLP (ROCHESTER) |
| <b>Address Line 1:</b>                                                                                                                                                                          | 70 LINDEN OAKS                  |
| <b>Address Line 2:</b>                                                                                                                                                                          | SUITE 210                       |
| <b>Address Line 4:</b>                                                                                                                                                                          | ROCHESTER, NEW YORK 14625       |
| <b>ATTORNEY DOCKET NUMBER:</b>                                                                                                                                                                  | 147426.01021                    |
| <b>NAME OF SUBMITTER:</b>                                                                                                                                                                       | CINDY SYLVESTER                 |
| <b>SIGNATURE:</b>                                                                                                                                                                               | /Cindy Sylvester/               |
| <b>DATE SIGNED:</b>                                                                                                                                                                             | 06/19/2019                      |
| <b>Total Attachments: 2</b>                                                                                                                                                                     |                                 |
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| source=20190618_Executed_Assignment_KUMHO_147426_01021#page2.tif                                                                                                                                |                                 |

# ASSIGNMENT

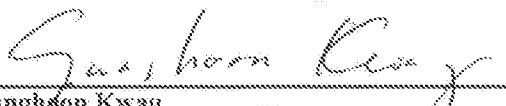
WHEREAS, We, **Gwanghoon Kwag**, a citizen of the Republic of Korea, residing at Allivehill APT 104-2105, 70 Mokdong, Daejeon 34810, **Hanbaek Lee**, a citizen of the Republic of Korea, residing at #708-805, 12 Gwanpyeong 1-ro, Yuseong-gu, Daejeon 34021, and **Dong Eun Kang**, a citizen of the Republic of Korea, residing at 448, Expo-ro, Room 401-404, Yuseong-gu, Daejeon 34021, have invented certain new and useful improvements in **END GROUP FUNCTIONALIZATION AGENTS FOR POLYDIENE** for which an application for Letters Patent in the United States was filed as U.S. Serial No. 16/166,939 on **October 22, 2018**,

AND WHEREAS, **Kumho Petrochemical**, with its principal place of business at East Wing, 100, Cheonggyecheon-ro, Jung-gu, Seoul, 04542, KR, desires to acquire the entire right, title and interest of the above inventors in and to the said improvements and the said Application:

NOW, THEREFORE, for good and valuable consideration, including salary or payment for the making of inventions, or employee benefits, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said **Kumho Petrochemical**, its successors, legal representatives and assigns, the entire right, title and interest throughout the world in, to and under the said improvements, and the said application and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said **Kumho Petrochemical**, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant and agree that we will communicate to the said **Kumho Petrochemical**, its successors, legal representatives and assigns, any facts known to us respecting said improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said **Kumho Petrochemical**, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.

  
Gwanghoon Kwag

Witnessed: 

Witnessed: 

Name Hyeonja Kim

Name Seungil Kim

City, State \_\_\_\_\_

City, State \_\_\_\_\_

Date: \_\_\_\_\_

Date: \_\_\_\_\_

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 23 day of  
JAN, 2019.

Hanbaek Lee

Witnessed: [Signature]

Witnessed: [Signature]

Name Hoo chae, Kim

Name Seung-il, Kim

City, State \_\_\_\_\_

City, State \_\_\_\_\_

Date: \_\_\_\_\_

Date: \_\_\_\_\_

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 23 day of  
Jan, 2019.

Dong Eun Kang

Witnessed: [Signature]

Witnessed: [Signature]

Name Hoo chae, Kim

Name Seung-il, Kim

City, State \_\_\_\_\_

City, State \_\_\_\_\_

Date: \_\_\_\_\_

Date: \_\_\_\_\_