

PATENT ASSIGNMENT COVER SHEET

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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>MAKOTO KATO</td> <td>12/04/2013</td> </tr> <tr> <td>TORU IDO</td> <td>12/09/2013</td> </tr> <tr> <td>SHIZUKA HACHIKEN</td> <td>12/09/2013</td> </tr> </tbody> </table>		Name	Execution Date	MAKOTO KATO	12/04/2013	TORU IDO	12/09/2013	SHIZUKA HACHIKEN	12/09/2013
Name	Execution Date								
MAKOTO KATO	12/04/2013								
TORU IDO	12/09/2013								
SHIZUKA HACHIKEN	12/09/2013								
RECEIVING PARTY DATA									
Name:	SUMITOMO SEIKA CHEMICALS CO., LTD.								
Street Address:	346-1, MIYANISHI								
City:	HARIMA-CHO, KAKO-GUN, HYOGO								
State/Country:	JAPAN								
Postal Code:	675-0145								
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>14123340</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	14123340				
Property Type	Number								
Application Number:	14123340								
CORRESPONDENCE DATA									
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NAME OF SUBMITTER:	DOUGLAS P. MUELLER								
Signature:	/Douglas P. Mueller/								
Date:	12/23/2013								
Total Attachments: 1 source=Assignment_0003#page1.tif									

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ASSIGNMENT

Whereas, I/we,

<u>Name</u>	<u>Address</u>
1) Makoto KATO	c/o SUMITOMO SEIKA CHEMICALS CO., LTD., 1-13-5, Kudankita, Chiyoda-ku, Tokyo 102-0073 Japan
2) Toru IDO	c/o SUMITOMO SEIKA CHEMICALS CO., LTD., 1, Irifune-cho, Shikama-ku, Himeji-shi, Hyogo 672-8076 Japan
3) Shizuka HACHIKEN	c/o SUMITOMO SEIKA CHEMICALS CO., LTD., 1, Irifune-cho, Shikama-ku, Himeji-shi, Hyogo 672-8076 Japan

hereinafter called assignor(s), have invented certain improvements in
POLYALKYLENE OXIDE PARTICLES AND PRODUCTION METHOD FOR THE SAME

and executed an application for Letters Patent of the United States of America therefor on even date herewith unless otherwise indicated below:

filed on December 2, 2013, Serial No. 14/123340; and

Whereas

SUMITOMO SEIKA CHEMICALS CO., LTD.
346-1, Miyanishi,
Harima-cho, Kako-gun, Hyogo 675-0145 Japan

(assignee), desires to acquire the entire right, title and interest in the application and invention, and to any United States patents to be obtained therefor;

NOW THEREFORE, be it known that, for good and valuable consideration from assignee, the receipt of which is hereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, MY/OUR entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with assignee, its successors and assigns, any facts known to ME/US respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

	<u>INVENTORS</u>	<u>DATE SIGNED</u>
1):	<u>Makoto KATO</u>	<u>December 4, 2013</u>
Name :	Makoto KATO	
2):	<u>Toru IDO</u>	<u>December 9, 2013</u>
Name :	Toru IDO	
3):	<u>Shizuka HACHIKEN</u>	<u>December 9, 2013</u>
Name :	Shizuka HACHIKEN	