

## PATENT ASSIGNMENT COVER SHEET

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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>
JINGSHE SONG	04/12/2013
PIOUS KURIAN	04/12/2013
JOSEPH PAUL STREET	04/12/2013
RHYN CASON	04/12/2013
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<b>Postal Code:</b>	55121
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14248906
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<b>NAME OF SUBMITTER:</b>	JANET S. HENDRICKSON, PH.D.
<b>SIGNATURE:</b>	/Janet S. Hendrickson/
<b>DATE SIGNED:</b>	04/10/2014
<b>Total Attachments: 2</b>	
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ASSIGNMENT

*The ASSIGNOR(S), Jingshe Song, Pious Kurian, Joseph Paul Street and Rhyn Cason, have invented certain new and useful improvements in*

*CHOLINE-BASED CROSSLINKER COMPOSITIONS FOR FRACTURING FLUIDS*

*an invention which is fully described in United States Patent Application Serial No. 61/810,498, filed on April 10, 2013; and*

*The ASSIGNEE, ECOLAB USA INC., a DELAWARE corporation having its principal office at 1601 West Diehl Road, in Naperville, Illinois, 60563-1198, wishes to acquire the entire right, title and interest in and to the invention and under Letters Patent which may be obtained for this invention.*

*For valuable and legally sufficient consideration, receipt of which is hereby acknowledged, the Assignor(s) hereby, assigns, transfers and sets over to Assignee, its successors and assigns, the entire right, title and interest in and to the above-identified invention and patent application and all rights and privileges under any Letters Patent of the United States which may issue thereon.*

*The Assignor(s) also assigns, transfers and sets over to Assignee the entire right, title and interest in and to the invention and any patent application and Letters Patent that may be granted thereon in all countries foreign to the United States, including all rights under the International Convention. The Assignor(s) further authorizes Assignee to apply for Letters Patent in foreign countries in the name of Assignee, and to claim the priority of the filing date of the United States Patent Application under the provisions of the International Convention.*

*The Assignor(s) further agrees to assist Assignee in the prosecution of the patent application before the United States Patent Office and the Federal Courts, and any other applications for Letters Patent including renewals, continuations, divisions, reissues and substitutions, that the Assignee elects to make covering the invention. The Assignor(s) vests in Assignee like exclusive title in and to all such other applications and Letters Patent. The Assignor(s) will execute and deliver to Assignee any documents which may be requested by Assignee to carry out the terms of this Assignment.*

The Commissioner of Patents of the United States is authorized and requested to issue any and all Letters Patent of the United States to Assignee. The Assignor(s) also authorizes and requests the equivalent authorities in foreign countries to issue the patents of foreign countries to Assignee.

Jingshe Song  
Jingshe Song

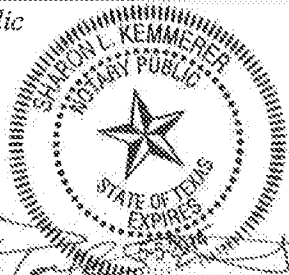
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Sugar Land, TX 77479

STATE OF Texas )  
 )ss  
COUNTY OF Fort Bend )

Subscribed and sworn to before me  
this 12 day of April 2013.

Sharon L. Kemmerer  
Notary Public



Joseph Paul Street

3 Queens Lane

Friendswood, TX 77546

STATE OF Texas )  
 )ss  
COUNTY OF Fort Bend )

Subscribed and sworn to before me  
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Sharon L. Kemmerer  
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Subscribed and sworn to before me  
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