

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
BO ZHU	03/17/2016
NA XU	03/17/2016
MENG ZHANG	03/16/2016
YULIN ZHAO	03/16/2016
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State/Country:	MINNESOTA
Postal Code:	55102
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15021490
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ATTORNEY DOCKET NUMBER:	722975 (PT10099USWO)
NAME OF SUBMITTER:	JOSHUA D. BISHOP
SIGNATURE:	/Joshua D. Bishop/
DATE SIGNED:	03/18/2016
Total Attachments: 5	
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ASSIGNMENT

WHEREAS, we, Bo Zhu, Meng Zhang, Na Xu, and Yulin Zhao have made certain new and useful inventions and improvements for which we filed an application for Letters Patent of the United States on March 11, 2016, as U.S. Patent Application No. 15/021,490, which is entitled Paper-Making Aid Composition and Process for Increasing Ash Retention of Finished Paper.

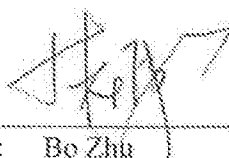
AND WHEREAS, ECOLAB USA INC., a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having an office and place of business at 370 North Wabasha Street, St. Paul, Minnesota 55102 (hereinafter "Assignee") is desirous of acquiring the entire right, title and interest in and to said inventions, improvements and application and in and to the Letters Patent to be obtained therefor;

NOW THEREFORE, to all whom it may concern, be it known that for good and valuable considerations, the receipt and sufficiency whereof is hereby acknowledged, we have sold, assigned, and transferred, and by these presents do sell, assign and transfer unto said Assignee, its successors or assigns, the entire right, title and interest for all countries in and to all inventions and improvements disclosed in the aforesaid application, and in and to the application, all divisions, continuations, or renewals thereof, all Letters Patent which may be granted therefrom, and all reissues or extensions of such patents, and in and to any and all applications which have been or shall be filed in any foreign countries for Letters Patent on the inventions and improvements, including an assignment of all rights under the provisions of the International Convention, and all Letters Patent of foreign countries which may be granted therefrom; and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all United States Letters Patent for the aforesaid inventions and improvements to the Assignee as the assignee of the entire right, title and interest in and to the same, for the use of the Assignee, its successors and assigns.

AND, for the consideration aforesaid, we do hereby agree that we and our executors and legal representatives will make, execute and deliver any and all other instruments in writing including any and all further application papers, affidavits, assignments and other documents, and will communicate to said Assignee, its successors and representatives all facts known to us relating to said improvements and the history thereof and will testify in all legal proceedings and generally do all things which may be necessary or desirable more effectually to secure to and

vest in said Assignee, its successors or assigns the entire right, title and interest in and to the improvements, inventions, applications, Letters Patent, rights, titles, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

AND, furthermore we covenant and agree with said Assignee, its successors and assigns, that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.


Date: 3/17/2016
Inventor Name: Bo Zhu
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Witnessed by: _____
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Date: 3/17/2016


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Full Name: Tao Wen
Date: 3/17/2016

Inventor Name: Na Xu Date: 3/17/2016
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Meng Zhang

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Inventor Name: Meng Zhang

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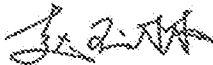
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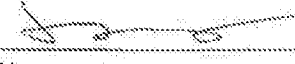
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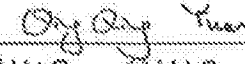
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Attorney Docket No. 722975
Client Ref. No. FT10099USWO


Inventor Name: Yulin Zhao Date: March. 16. 2016
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Witnessed by: 
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Date: 03/16/2016

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Date: 03/16/2016