

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT5259808

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MENG ZHANG	06/09/2017
YULIN ZHAO	06/09/2017
NA XU	06/09/2017
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Street Address:	1 ECOLAB PLACE
City:	ST. PAUL
State/Country:	MINNESOTA
Postal Code:	55102
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16305967
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ATTORNEY DOCKET NUMBER:	740777 (PT10647USWO)
NAME OF SUBMITTER:	JOSHUA D. BISHOP
SIGNATURE:	/Joshua D. Bishop/
DATE SIGNED:	11/30/2018
Total Attachments: 4	
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ASSIGNMENT

WHEREAS, we, **Meng Zhang, Yulin Zhao, and Na Xu**, have made certain new and useful inventions and improvements for invention for which an international application designating the U.S. was filed on May 31, 2017, as International Patent Application No. PCT/US2017/035229, which is entitled High-Efficiency Strength Program Used for Making Paper in High Charge Demand System.

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 1 Ecolab Place, 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 the right(s) to claim priority thereto, 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 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 all 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.

张健

Date: 2017/6/9

Inventor Name: Meng Zhang

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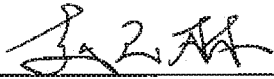
Full Name: 侯强

Date: 2017.6.9

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Full Name: 董永气

Date: 2017.6.9



Date: June 09, 2017

Inventor Name: Yulin Zhao

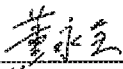
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