

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT6721188

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
RAMAKRISHNAN BALASUBRAMANIAN	09/01/2015
BRIAN EPPS	09/01/2015
JUNZHONG LI	12/14/2015
RICHARD STAUB	12/15/2015
VICTOR KEASLER	12/14/2015
RECEIVING PARTY DATA	
Name:	ECOLAB USA INC.
Street Address:	1 ECOLAB PLACE
City:	SAINT PAUL
State/Country:	MINNESOTA
Postal Code:	55102
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17303117
CORRESPONDENCE DATA	
Fax Number:	(515)288-1338
<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>	
Phone:	515-288-3667
Email:	patatty@ipmvs.com
Correspondent Name:	MCKEE, VOORHEES & SEASE, PLC
Address Line 1:	801 GRAND AVENUE
Address Line 2:	SUITE 3200
Address Line 4:	DES MOINES, IOWA 50309-2721
ATTORNEY DOCKET NUMBER:	P11548US03-PT10614USC1
NAME OF SUBMITTER:	JILL N. LINK
SIGNATURE:	/JILL N. LINK/
DATE SIGNED:	05/20/2021
Total Attachments: 7	

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ASSIGNMENT

In consideration of One Dollar and other good and valuable considerations, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assign to **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, 55102-2233 its successors and assigns the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, Serial No. 62/217,315, filed in the United States Patent and Trademark Office on the 11th day of September, 2015, entitled **USE OF PERCARBOXYLIC ACIDS FOR SCALE PREVENTION IN TREATMENT SYSTEMS**, and in said application and any and all other applications for United States Letters Patent, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent, applications, and in any reissue or extension thereof.

The undersigned hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said **Ecolab USA Inc.**

For said considerations the undersigned hereby agree, upon the request, and at the expense of said assignee, its successors and assigns, to execute any and all divisional continuation and substitute applications for said invention or improvements, and any necessary oath or affidavit relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application, and for the said considerations the undersigned further agree upon the request of said assignee, its successors or assigns, in the event of any application or Letters Patent assigned herein becoming involved in interference, to cooperate to the best of the ability of the undersigned with said assignee, its successors or assigns in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof, the undersigned hereby agreeing to perform, upon request, any and all affirmative acts to obtain said Letters Patent of the United States and vest all rights therein

hereby conveying in the said assignee, its successors and assigns whereby said Letters Patent will be held and enjoyed by the said assignee, its successors and assigns to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment and sale had not been made.

And for said considerations the undersigned hereby assign to said assignee, its successors and assigns, the entire right, title and interest in said invention or improvements for any and all foreign countries and agree upon the request of assignee, its successors and assigns to execute any and all documents that undersigned shall be requested to execute in connection with any and all applications for foreign Letters Patent therefor, including the prosecution thereof, and to execute any and all documents necessary to vest title in said foreign applications and patents in assignee.

The attorneys of record are hereby authorized to insert the serial number and the filing date in the above blank spaces when received from the Patent Office.

Ramakrishnan Balasubramanian

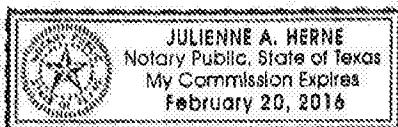
Ramakrishnan Balasubramanian

STATE OF TEXAS)

COUNTY OF *Fort Bend*) ss.


On this 15th day of September, 2015, before me, a Notary Public in and for the County and State aforesaid, **Ramakrishnan Balasubramanian** appeared to me personally known to be the person whose name is subscribed to the foregoing instrument, and acknowledged that he/she executed said instrument as his/her free and voluntary act for the uses and purposes therein expressed.

Witness my hand and seal the day and year last above given.



Julianne A. Herne
Notary Public

Commission Expires 2/20/2016

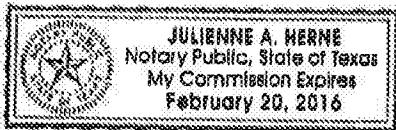

Brian Epps

) 22,

On this 1st day of September, 2015, before me, a Notary Public in and for the County and State aforesaid, **Brian Epps** appeared to me personally known to be the person whose name is subscribed to the foregoing instrument, and acknowledged that he/she executed said instrument as his/her free and voluntary act for the uses and purposes therein expressed.

Witness my hand and seal the day and year last above given.

Julianne A. Herne
Notary Public



Commission Expires 2/20/2014

A S S I G N M E N T

In consideration of One Dollar and other good and valuable considerations, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assign to **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, 55102-2233 its successors and assigns the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, Serial No. 14/972,727, filed in the United States Patent and Trademark Office on the 17th day of December, 2015, entitled **USE OF PERCARBOXYLIC ACIDS FOR SCALE PREVENTION IN TREATMENT SYSTEMS**, and in said application and any and all other applications for United States Letters Patent, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent, applications, and in any reissue or extension thereof.

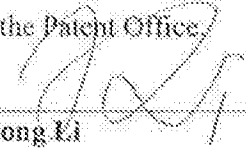
The undersigned hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said **Ecolab USA Inc.**

For said considerations the undersigned hereby agree, upon the request, and at the expense of said assignee, its successors and assigns, to execute any and all divisional continuation and substitute applications for said invention or improvements, and any necessary oath or affidavit relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application, and for the said considerations the undersigned further agree upon the request of said assignee, its successors or assigns, in the event of any application or Letters Patent assigned herein becoming involved in interference, to cooperate to the best of the ability of the undersigned with said assignee, its successors or assigns in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof, the undersigned hereby agreeing to perform, upon request, any and all

affirmative acts to obtain said Letters Patent of the United States and vest all rights therein hereby conveying in the said assignee, its successors and assigns whereby said Letters Patent will be held and enjoyed by the said assignee, its successors and assigns to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment and sale had not been made.

And for said considerations the undersigned hereby assign to said assignee, its successors and assigns, the entire right, title and interest in said invention or improvements for any and all foreign countries and agree upon the request of assignee, its successors and assigns to execute any and all documents that undersigned shall be requested to execute in connection with any and all applications for foreign Letters Patent therefor, including the prosecution thereof, and to execute any and all documents necessary to vest title in said foreign applications and patents in assignee.

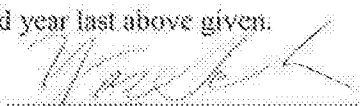
The attorneys of record are hereby authorized to insert the serial number and the filing date in the above blank spaces when received from the Patent Office.

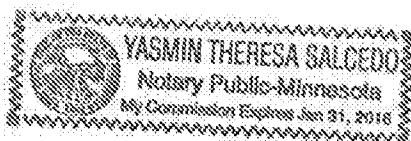

Junzhong Li

STATE OF MINNESOTA)
) ss.
COUNTY OF Dakota)

On this 19 day of December, 2018, before me, a Notary Public in and for the County and State aforesaid, **Junzhong Li** appeared to me personally known to be the person whose name is subscribed to the foregoing instrument, and acknowledged that he/she executed said instrument as his/her free and voluntary act for the uses and purposes therein expressed.

Witness my hand and seal the day and year last above given.


Notary Public



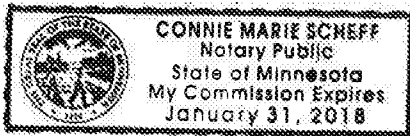
Commission Expires Jan 31, 2019

Richard Staub
Richard Staub

STATE OF MINNESOTA)
COUNTY OF Dakota) ss.

On this 15 day of December, _____, before me, a Notary Public in and for the County and State aforesaid, **Richard Staub** appeared to me personally known to be the person whose name is subscribed to the foregoing instrument, and acknowledged that he/she executed said instrument as his/her free and voluntary act for the uses and purposes therein expressed.

Witness my hand and seal the day and year last above given.



Connie M. Scheff
Notary Public

Commission Expires 1/31/2018

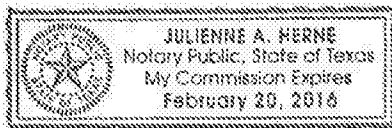

Victor Keasler

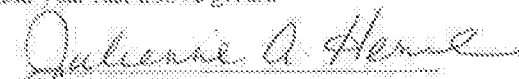
STATE OF TEXAS)

COUNTY OF Fort Bend) ss.

On this 14th day of December, 2015, before me, a Notary Public in and for the County and State aforesaid, Victor Keasler appeared to me personally known to be the person whose name is subscribed to the foregoing instrument, and acknowledged that he/she executed said instrument as his/her free and voluntary act for the uses and purposes therein expressed.

Witness my hand and seal the day and year last above given.




Notary Public

Commission Expires 2/20/2016