

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4275793

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
JUNZHONG LI	01/12/2015
ALLISON BREWSTER	01/12/2015
RICHARD STAUB	01/21/2015
STEVEN LANGE	03/02/2015
TAZ CHERITU	01/13/2015
JONATHAN P. FAST	12/14/2015
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ECOLAB USA INC.
<b>Street Address:</b>	370 NORTH WABASHA STREET
<b>City:</b>	ST. PAUL
<b>State/Country:</b>	MINNESOTA
<b>Postal Code:</b>	55102-2233
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15433218
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(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>	
<b>Phone:</b>	515-288-3667
<b>Email:</b>	patatty@ipmvs.com
<b>Correspondent Name:</b>	MCKEE, VOORHEES & SEASE, PLC
<b>Address Line 1:</b>	801 GRAND AVENUE
<b>Address Line 2:</b>	SUITE 3200
<b>Address Line 4:</b>	DES MOINES, IOWA 50309-2721
<b>ATTORNEY DOCKET NUMBER:</b>	P11580US03-PT10226USC2
<b>NAME OF SUBMITTER:</b>	JILL N. LINK
<b>SIGNATURE:</b>	/Jill N. Link/
<b>DATE SIGNED:</b>	02/15/2017

**Total Attachments: 11**

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UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

DECEMBER 21, 2015

PTAS

MCKEE, VOORHEES & SEASE, PLC  
801 GRAND AVENUE  
SUITE 3200  
DES MOINES, IA 50309-2721

**503617960**

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT RECORDATION BRANCH OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE ASSIGNMENT RECORDATION BRANCH AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT RECORDATION BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 12/18/2015

REEL/FRAME: 037323/0163  
NUMBER OF PAGES: 10

BRIEF: ASSIGNMENT OF ASSIGNORS INTEREST (SEE DOCUMENT FOR DETAILS).

DOCKET NUMBER: P11580US01;E077-516

ASSIGNOR:

LI, JUNZHONG

DOC DATE: 01/12/2015

ASSIGNOR:

BREWSTER, ALLISON

DOC DATE: 01/12/2015

ASSIGNOR:

STAUB, RICHARD

DOC DATE: 01/21/2015

ASSIGNOR:

LANGE, STEVEN

DOC DATE: 03/02/2015

ASSIGNOR:

CHERITU, TAZ

DOC DATE: 01/13/2015

ASSIGNOR:

FAST, JONATHAN P.

DOC DATE: 12/14/2015

ASSIGNEE:

ECOLAB USA INC.  
370 NORTH WABASHA STREET  
ST. PAUL, MINNESOTA 55102-2233

APPLICATION NUMBER: 14973389

FILING DATE:

PATENT NUMBER:

ISSUE DATE:

TITLE: GENERATION OF PEROXYFORMIC ACID THROUGH POLYHYDRIC ALCOHOL  
FORMATE

ASSIGNMENT RECORDATION BRANCH  
PUBLIC RECORDS DIVISION

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3664591

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<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
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<b>RECEIVING PARTY DATA</b>	
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14973389
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<b>Fax Number:</b>	(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>	
<b>Phone:</b>	515-288-3667
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<b>Address Line 1:</b>	801 GRAND AVENUE
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<b>Address Line 4:</b>	DES MOINES, IOWA 50309-2721
<b>ATTORNEY DOCKET NUMBER:</b>	P11580US01;E077-516
<b>NAME OF SUBMITTER:</b>	JILL N. LINK
<b>SIGNATURE:</b>	/JILL N. LINK/
<b>DATE SIGNED:</b>	12/18/2015

## PROVISIONAL ASSIGNMENT

This assignment is by:

1. Junzhong LI  
3609 Sawgrass Trail South  
Eagan, Minnesota 55123
2. Allison BREWSTER  
7652 Addisen Court  
Inver Grove Heights, Minnesota 55077
3. Richard STAUB  
6010 Luigi Circle  
Bloomington, Minnesota 55438  
Steven
4. Steve LANGE  
1900 Montreal Avenue  
Saint Paul, Minnesota 55116
5. TAZ CHERITU  
3255 Coachman rd  
Apartment 215  
Eagan, Minnesota 55121

(referred to in this Assignment as "Assignors"), who reside at or have a mailing address as listed above.

This Assignment is to:

Assignee: Ecolab USA Inc.  
Address: 370 North Wabasha St., St. Paul, Minnesota 55102-2233  
A corporation duly organized under and pursuant to the laws of: Minnesota

(referred to in this Assignment as "Assignee"), who desire to acquire the entire right, title and interest in said inventions and said provisional application for letters patent of the United States, and in any United States or foreign, letters patent or patents, to be obtained therefor and thereon.

Assignors have invented certain new and useful inventions in:

### GENERATION OF PEROXYFORMIC ACID THROUGH POLYHYDRIC ALCOHOL FORMATE

for which the following provisional application has been filed in the United States of America.

Serial No.: 62/094,048

Filing Date: December 18, 2014

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged,

1. Assignors hereby sell, assign, transfer and set over, to Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions, provisional application and application for letters patent, and any and all letters patent or patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all other provisionals, non-provisionals, divisions, continuations, continuations-in-part and substitutions of said application, or reissues, re-examinations or

extensions of said letters patent or patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee (including any right to institute actions and to recover for past, present and future infringement), for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which letters patent or patents may be granted, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

2. Assignors represent, warrant and covenant that, at the time of execution and delivery of this agreement, Assignors are the sole and lawful owners of the entire right, title and interest in and to said inventions and said provisional application and application for letters patent, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner set forth in this agreement.

3. Assignors shall promptly sign and execute all papers and documents, take all lawful oaths, and do all acts necessary, required or useful for the procurement, maintenance, enforcement, defense or otherwise to secure title thereto to the Assignee, at the sole cost and expense of Assignee, its successors, legal representatives and assigns, in each case including, without limitation, arising from or relating to (a) said inventions, or said provisional application and application for letters patent; (b) letters patent for said inventions in any country, including any reissue, re-examination or extension of or interference proceedings; or (c) any provisional, division, continuation, continuation-in-part, or substitutions of any application for letters patent or any reissues, re-examinations, extensions or interference proceedings involving any letters patent, to be obtained thereon. To be clear, for purposes of this paragraph, "desirable" shall include, without limitation, any act necessary or useful in connection with United States laws and/or international conventions.

4. Assignors hereby authorize and request the Commissioner of Patents in the United States to issue the above mentioned letters patents of the United States to Assignee as the assignee of said inventions and the letters patent to be issued thereon for the sole use of Assignee, its successors, legal representatives and assigns.

5. "I hereby grant Assignee's attorneys, all of Morrison & Foerster LLP, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark office for recordation of this document, including the power to insert on this assignment the application number and filing date of said application when known."

In witness whereby, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date: <u>1/12/2015</u>	Signature: <u>[Signature]</u> Junzhong Li
Date: <u>1/12/2015</u>	Signature: <u>[Signature]</u> Allison Brewster
Date: <u>1/21/2015</u>	Signature: <u>[Signature]</u> Richard Staub
Date: <u>1/16/2015</u>	Signature: <u>[Signature]</u> Steve Lange STEVEN
Date: _____	Signature: _____ Tizazu Cheritu

## PROVISIONAL ASSIGNMENT

This assignment is by:

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3609 Sawgrass Trail South  
Eagan, Minnesota 55123
2. Allison BREWSTER  
7652 Addisen Court  
Inver Grove Heights, Minnesota 55077
3. Richard STAUB  
6010 Luigi Circle  
Bloomington, Minnesota 55438
4. Steven LANGE  
1900 Montreal Avenue  
Saint Paul, Minnesota 55116
5. Taz CHERITU  
3947 Valley View Drive South  
Apartment 206  
Eagan, Minnesota 55122

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extensions of said letters patent or patents, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee (including any right to institute actions and to recover for past, present and future infringement), for its own use and the use of its successors, legal representatives and assigns, to the full end of the term or terms for which letters patent or patents may be granted, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

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In witness whereby, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Junzhong Li

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Allison Brewster

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Richard Stanb

Date: 3/2/2015

Signature: \_\_\_\_\_  
Steven Lange

Date: \_\_\_\_\_

Signature: \_\_\_\_\_  
Taz Cheritu

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1. Assignors hereby sell, assign, transfer and set over, to Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions, provisional application and application for letters patent, and any and all letters patent or patents in the United States of America and all foreign countries which may be granted therefor and thereon, and in and to any and all other provisionals, non-provisionals, divisions, continuations, continuations-in-part and substitutions of said application, or reissues, re-examinations or

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5. "I hereby grant Assignee's attorneys, all of Morrison & Foerster LLP, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark office for recordation of this document, including the power to insert on this assignment the application number and filing date of said application when known."

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date: \_\_\_\_\_ Signature: \_\_\_\_\_  
Junzhong Li

Date: \_\_\_\_\_ Signature: \_\_\_\_\_  
Allison Brewster

Date: \_\_\_\_\_ Signature: \_\_\_\_\_  
Richard Staub

Date: \_\_\_\_\_ Signature: \_\_\_\_\_  
Steve Lange

Date: 1/13/15 Signature: \_\_\_\_\_  
Taz Cheritu

## 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. 14/973,389, filed in the United States Patent and Trademark Office on the 17th day of December, 2015, entitled GENERATION OF PEROXYFORMIC ACID THROUGH POLYHYDRIC ALCOHOL FORMATE, 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.

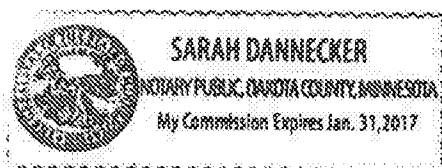
The attorneys of record are hereby authorized to insert the serial number and the filing date in the above blank spaces when received from the Patent Office.

Jonathan P. Fast  
Jonathan P. Fast

STATE OF MINNESOTA            )  
  ) ss.  
COUNTY OF Dakota            )

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

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



[Signature]  
Notary Public

Commission Expires Jan. 31, 2017