

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT																
NATURE OF CONVEYANCE:	ASSIGNMENT																
CONVEYING PARTY DATA																	
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Paul Schacht</td> <td>03/27/2013</td> </tr> <tr> <td>Jeffrey Weilage</td> <td>04/10/2013</td> </tr> <tr> <td>Eric Schmidt</td> <td>03/26/2013</td> </tr> <tr> <td>Joseph P. Curran</td> <td>03/26/2013</td> </tr> <tr> <td>Ralf Krack</td> <td>03/27/2013</td> </tr> <tr> <td>Victor Fuk-Pong Man</td> <td>03/27/2013</td> </tr> <tr> <td>Charles Allen Hodge</td> <td>03/27/2013</td> </tr> </tbody> </table>		Name	Execution Date	Paul Schacht	03/27/2013	Jeffrey Weilage	04/10/2013	Eric Schmidt	03/26/2013	Joseph P. Curran	03/26/2013	Ralf Krack	03/27/2013	Victor Fuk-Pong Man	03/27/2013	Charles Allen Hodge	03/27/2013
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<table border="1"> <tr> <td>Name:</td> <td>Ecolab USA Inc.</td> </tr> <tr> <td>Street Address:</td> <td>370 N. Wabasha Street</td> </tr> <tr> <td>Internal Address:</td> <td>Ecolab Center</td> </tr> <tr> <td>City:</td> <td>St. Paul</td> </tr> <tr> <td>State/Country:</td> <td>MINNESOTA</td> </tr> <tr> <td>Postal Code:</td> <td>55102-2233</td> </tr> </table>		Name:	Ecolab USA Inc.	Street Address:	370 N. Wabasha Street	Internal Address:	Ecolab Center	City:	St. Paul	State/Country:	MINNESOTA	Postal Code:	55102-2233				
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CORRESPONDENCE DATA																	
<p>Fax Number: 5152881338 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>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</p>																	

CH \$40.00 13796473

ATTORNEY DOCKET NUMBER:	3086US01 - P10360US00
NAME OF SUBMITTER:	HEIDI S. NEBEL
Signature:	/HEIDI S. NEBEL/
Date:	04/29/2013
<p>Total Attachments: 8</p> <p>source=3086US01_SCHACHT_P10360US00_ASSIGNMENT_4-26-13_HSN#page1.tif</p> <p>source=3086US01_SCHACHT_P10360US00_ASSIGNMENT_4-26-13_HSN#page2.tif</p> <p>source=3086US01_SCHACHT_P10360US00_ASSIGNMENT_4-26-13_HSN#page3.tif</p> <p>source=3086US01_SCHACHT_P10360US00_ASSIGNMENT_4-26-13_HSN#page4.tif</p> <p>source=3086US01_SCHACHT_P10360US00_ASSIGNMENT_4-26-13_HSN#page5.tif</p> <p>source=3086US01_SCHACHT_P10360US00_ASSIGNMENT_4-26-13_HSN#page6.tif</p> <p>source=3086US01_SCHACHT_P10360US00_ASSIGNMENT_4-26-13_HSN#page7.tif</p> <p>source=3086US01_SCHACHT_P10360US00_ASSIGNMENT_4-26-13_HSN#page8.tif</p>	

A S S I G N M E N T

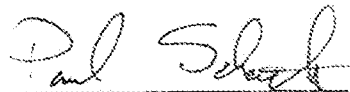
In consideration of One Dollar and other good and valuable considerations, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assign to **ECOLAB USA INC.**, a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having an office and place of business at Ecolab Center, 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. 13/796,473, filed in the United States Patent and Trademark Office on the 12th day of March, 2013, entitled **SURFACTANT BLENDS FOR CLEANING FILTRATION MEMBRANES**, 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.



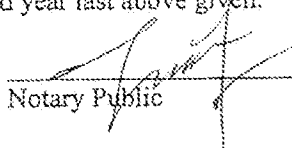
Paul Schacht

STATE OF MINNESOTA)

COUNTY OF Dakota) ss.

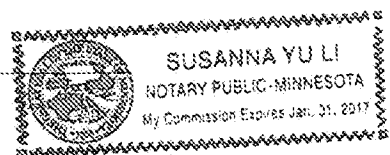
On this 24th day of March, 2013, before me, a Notary Public in and for the County and State aforesaid, appeared **Paul Schacht** to me personally known to be the person whose name is subscribed to the foregoing instrument, and acknowledged that he executed said instrument as his free and voluntary act for the uses and purposes therein expressed.

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



Notary Public

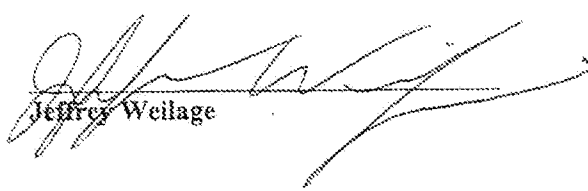
Commission Expires



STATE OF MINNESOTA)

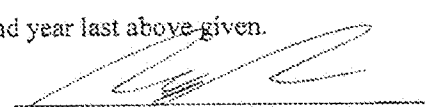
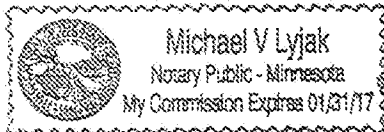
) ss.

COUNTY OF Dakota)


Jeffrey Weilage

On this 10th day of April, 2013, before me, a Notary Public in and for the County and State aforesaid, appeared **Jeffrey Weilage** 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.


Notary PublicCommission Expires 1/31/2017

Eric Schmidt
Eric Schmidt

STATE OF MINNESOTA)
COUNTY OF Dakota) ss.

On this 26th day of March, 2013, before me, a Notary Public in and for the County and State aforesaid, appeared **Eric Schmidt** 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.

Susanna Yu Li
Notary Public

Commission Expires

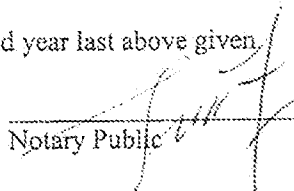



Joseph P. Curran

STATE OF MINNESOTA)
) ss.
COUNTY OF Dakota)

On this 26th day of March, 2013, before me, a Notary Public in and for the County and State aforesaid, appeared **Joseph Curran** 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.


Notary Public

Commission Expires



Ralf Krack
Ralf Krack

On this 27 day of March, 2013, before me appeared Ralf Krack,
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.

[Signature]
Witness

[Signature]
Witness

Victor Man
Victor Fuk-Pong Man

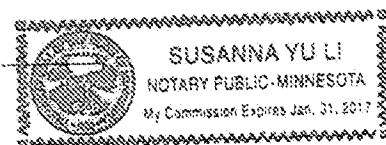
STATE OF MINNESOTA)
) ss.
COUNTY OF Dakota)

On this 27th day of March, 2013, before me, a Notary Public in and for the County and State aforesaid, appeared **Victor Fuk-Pong Man** 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 _____



Charles Allen Hodge
Charles Allen Hodge

STATE OF MINNESOTA)
COUNTY OF Dakota) ss.

On this 27th day of March, 2013, before me, a Notary Public in and for the County and State aforesaid, appeared **Charles Allen Hodge** 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

