

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>Chris D. Diller</td> <td>05/31/2012</td> </tr> <tr> <td>Louis M. Holzman</td> <td>06/18/2012</td> </tr> <tr> <td>Ronald B. Howes Jr.</td> <td>05/24/2012</td> </tr> <tr> <td>Stephen X. Skaff</td> <td>05/25/2012</td> </tr> <tr> <td>Quang Van Dao</td> <td>05/25/2012</td> </tr> <tr> <td>Christopher A. Buck</td> <td>05/24/2012</td> </tr> </tbody> </table>		Name	Execution Date	Chris D. Diller	05/31/2012	Louis M. Holzman	06/18/2012	Ronald B. Howes Jr.	05/24/2012	Stephen X. Skaff	05/25/2012	Quang Van Dao	05/25/2012	Christopher A. Buck	05/24/2012
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Quang Van Dao	05/25/2012														
Christopher A. Buck	05/24/2012														
RECEIVING PARTY DATA															
Name:	Ecolab USA Inc.														
Street Address:	Ecolab Center, 370 North Wabasha Street														
City:	St. Paul														
State/Country:	MINNESOTA														
Postal Code:	55102-2233														
PROPERTY NUMBERS Total: 1															
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13475416</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13475416										
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Application Number:	13475416														
CORRESPONDENCE DATA															
Fax Number:	(515)288-1338														
Phone:	515-288-3667														
Email:	patatty@ipmvs.com														
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>															
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:	P09904US01 - 2887USU1														

CH \$40.00 13475416

NAME OF SUBMITTER:

Kyle S. Coleman

Total Attachments: 7

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A S S I G N M E N T

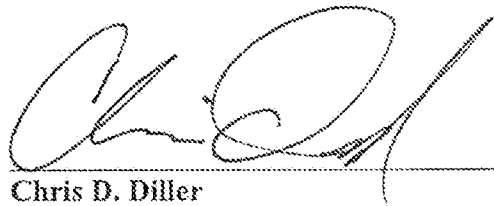
In consideration of One Dollar and other good and valuable considerations, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assign to **ECOLAB USA INC.**, a corporation organized and existing under and by virtue of the laws of the State of Delaware, and having an office 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. 13/475,416, filed in the United States Patent and Trademark Office on the 18th day of May, 2012, entitled **CONTROLLER**, 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.

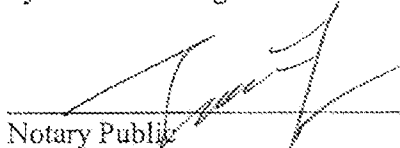
And for said considerations the undersigned hereby assign to said assignee, its successors and assigns, the entire right, title and interest in said invention or improvements for any and all foreign countries and agree upon the request of assignee, its successors and assigns to execute any and all documents 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.


Chris D. Diller

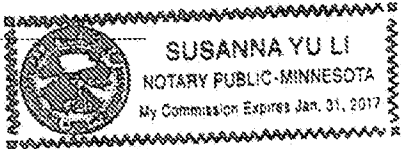
STATE OF MINNESOTA)
) ss.
COUNTY OF Dakota)

On this 31st day of May, 2012 before me, a Notary Public in and for the County and State aforesaid, appeared **Chris D. Diller** 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



Louis M. Holzman
Louis M. Holzman

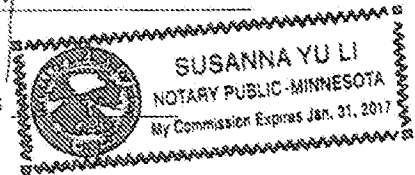
STATE OF MINNESOTA)
COUNTY OF Dakota) ss.

On this 18th day of June, 2012, before me, a Notary Public in and for the County and State aforesaid, appeared **Louis M. Holzman** 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



Ronald B. Howes, Jr.
Ronald B. Howes, Jr.

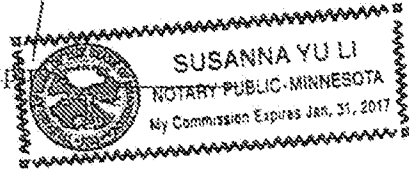
STATE OF MINNESOTA)
) ss.
COUNTY OF Dakota)

On this 24th day of May, 2012, before me, a Notary Public in and for the County and State aforesaid, appeared **Ronald B. Howes, Jr.** 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



Stephen X. Skaff
Stephen X. Skaff

STATE OF MINNESOTA)
COUNTY OF Dakota) ss.

On this 25th day of May, 2012, before me, a Notary Public in and for the County and State aforesaid, appeared **Stephen X. Skaff** 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


Quang V Dao

Quang Van Dao

STATE OF MINNESOTA)
) ss.
COUNTY OF *Dakota*)

On this *25th* day of *May*, *2012*, before me, a Notary Public in and for the County and State aforesaid, appeared **Quang Van Dao** 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



[Handwritten Signature]

Christopher A. Buck

STATE OF MINNESOTA)
) ss.
COUNTY OF *Dakota*)

On this *24th* day of *May*, *2012*, before me, a Notary Public in and for the County and State aforesaid, appeared **Christopher A. Buck** 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.

[Handwritten Signature]

Notary Public

Commission Expires

