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EPAS ID: PAT2707945

SUBMISSION TYPE:			CORRECTIVE ASSIGNMENT			
NATURE OF CONVEYANCE:		previously recorded on Reel 03	Corrective Assignment to correct the ASSIGNOR: TOKHTUEV, EUGENEG previously recorded on Reel 031389 Frame 0846. Assignor(s) hereby confirms the ASSIGNOR: TOKHTUEV, EUGENE.			
CONVEYING PAR	TY DATA					
Name			Execution Date			
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ANNA PILIPCHEN	KO		02/05/2009			
PAUL SCHILLING			02/05/2009			
]			
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City:	ST. PAUL					
State/Country:		MINNESOTA				
Postal Code:	55102	55102				
PROPERTY NUMB	ERS Total: 1					
Property Type		Numl	ber			
Application Number	er:	14051784				
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Signature:	/Paul J. LaVanway, Jr./	
Date:	01/31/2014	
Total Attachments: 6 source=29805_167_1_Assignment Confirmation Receipt#page1.tif source=29805_167_1_Assignment Confirmation Receipt#page2.tif source=29805.167.1 Ecolab - Assignment#page1.tif source=29805.167.1 Ecolab - Assignment#page2.tif source=29805.167.1 Ecolab - Assignment#page3.tif source=29805.167.1 Ecolab - Assignment#page4.tif		



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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYI	PE:	NEW ASSIGNMENT			
NATURE OF CON	VEYANCE:	: ASSIGNMENT			
CONVEYING PARTY DATA					
Name			Execution Date		
EUGENEG TOKHTUEV			02/05/2009		
CHRISTOPHER OWEN			02/05/2009		
ANNA PILIPCHENKO			02/05/2009		
PAUL SCHILLING	ť		02/05/2009		
DANIEL KAMBEN	V		02/10/2009		
RECEIVING PARTY DATA					
	ECOLAB USA INC.			ĺ	
	370 NORTH WABASHA STREET				
	ST. PAUL				
L	MINNESOTA				
Postal Code:	55102				
PROPERTY NUMBERS Total: 1					
Property Type			Number		
Application Number: 1405		051784			

USPTO. EPAS. Receipt

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ATTORNEY DOCKET NUMBER:	29805.167.1		
NAME OF SUBMITTER:	PAUL J. LAVANWAY, JR.		
Signature:	/Paul J. LaVanway, Jr./		
Date:	10/11/2013		
Total Attachments: 4 source=29805_167_1_Assignment#page1.tif source=29805_167_1_Assignment#page2.tif source=29805_167_1_Assignment#page3.tif source=29805_167_1_Assignment#page4.tif			
RECEIPT INFORMATION			
EPAS ID: PAT257517 Receipt Date: 10/11/2013 Fee Amount: \$40	Receipt Date: 10/11/2013		

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ASSIGNMENT

WHEREAS, we, Eugene Tokhtuev residing at 2001 Jefferson Street, Duluth, MN 55812; Christopher Owen residing at 219 W. 5th Street, Duluth, MN 55806; Anna Pilipchenko residing at 2001 Jefferson Street, Duluth, MN 55812; Paul Schilling residing at 4323 Pitt Street, Duluth, MN 55804; and Daniel Kamben residing at 4302 Dodge Street, Duluth, MN 55804; ("Assignors") have invented certain new and useful improvements in OPTICAL CELL, for which a

- utility application has been made, said application which may be identified in the United States Patent Office by Application No. <u>12/370,331</u>, filed <u>February 12, 2009</u>;
- which is a continuation-in-part of said application which may be identified in the United States Patent Office by Application No. <u>11/810,417</u>, filed June 5, 2007.

WHEREAS, Ecolab Inc. ("Assignee"), a corporation organized and existing under the laws of the State of Minnesota, and having its principal offices at Ecolab Center, 370 North Wabasha Street, Saint Paul, MN 55102, is desirous of acquiring the entire right, title and interest in and to said invention, said application and in, to and under any and all Letters Patent to be obtained therefore;

NOW, THEREFORE, for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred, and by these presents do hereby sell, assign and transfer unto the said Assignee, its successors and assigns, our entire right, title and interest in and to said utility application, hereto including the inventions therein described and claimed and to each provisional application from which the application claims priority in whole or in part including, but not limited to, all renewals, reissues, extensions, substitutions, continuations, continuations-in-part, or divisions thereof, or any other applications which claim any priority rights thereof; all foreign applications based thereon; all United States or foreign Letters Patents which may issue with respect to such applications and we do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to the above mentioned Assignee in accordance herewith; all rights to enforce patent rights to such applications and Letters Patents as fully and entirely as the same would have been held and enjoyed by the Assignors if this assignment had not been made; together with all claims by Assignors for damages by reason of past infringement or for provisional rights and including the right to sue for, and collect the same for its own use and benefit, and for the use and benefit of its successors, assigns, and other legal representatives.

We further authorize said Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent, in its own name if desired, in any and all foreign countries, and additionally to claim the filing date of said United States application and/or otherwise take advantage of the provisions of the International Convention.

Atty. Docket No. 29805.23.1

Upon said consideration we do hereby covenant and agree with the said Assignee, its successors and assigns, that we will not execute in writing or do any act whatsoever conflicting with these presents, and that we or our executors or administrators will at any time upon request, without further or additional consideration, but at the expense of the said Assignee, its successors and assigns, execute such additional writings and do such additional acts as said Assignee, its successors and assigns, may deem necessary or desirable to perfect the Assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, or of any and all foreign countries on said invention, and in enforcing any rights occurring as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents.

IN WITNESS WHEREOF, we have hereunto set our hands and affixed our seal as dated below.

Date:

Eugene'Tokhtuev

Subscribed and sworn to before me this 5^{H1} day of February, 2009.

tárv Public

[Notary Seal]

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I ATTACA	KEVIN D HARRINGTON
	Notary Public
	Minnesota
M	y Commission Expires Jan. 31, 2012
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PATENT REEL: 032146 FRAME: 0120

Atty. Docket No. 29805.23.1

Date 26.57 Las 9

Subscribed and sworn to before me this 5^{+-} day of February, 2009.

Notary Public

[Notary Seal]

Date: 02/05/09

Subscribed and sworn to before me this <u>5</u>th day of <u>February</u>, 2009.

Nøtary Public

[Notary Seal]

Date:_ 2/5/09

Subscribed and sworn to before me this 5^{m} day of February, 2009.

Nøtary Public

[Notary Seal]

Christopher Owen



tul

Anna Pilipchenko



Ward Schiling

Paul Schilling

KEVIN D HARRINGTON Notary Public Minnesota My Commission Expires Jan. 31, 2012

PATENT REEL: 032146 FRAME: 0121

Atty. Docket No. 29805.23.1 Daniel Kamben

Date: 2/10/09

Subscribed and sworn to before me this 10^{12} day of 10^{12} , 2009.

Notary Public

[Notary Seal] (Notary Seal] (Notary Public-Minnesota My Comm. Expires Jan. 31, 2012

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