503848344 05/31/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3894992

SUBMISSION TYPE:		NEW ASSIGNMENT	
NATURE OF CONVEYANCE:		ASSIGNMENT	
CONVEYING PARTY D	ΑΤΑ		
		Name	Execution Date
DONALD D. WARE			04/21/2016
GREG NELSON			04/26/2016
AMY KOLAND			04/29/2016
BRUCE MUSOLF			04/26/2016
MICHAEL S. ALLEN			04/28/2016
JOHN LEYS			04/20/2016
JAMES LINDER			04/21/2016
RICHARD L. WILSON			05/03/2016
ROYCE RICHTER			05/03/2016
BRENNA BROSCH			04/29/2016
Street Address: City: State/Country: Postal Code: PROPERTY NUMBERS	BILLE MASS 01821	ACHUSETTS	
Property Type		Number	
Application Number:		29534705	
Application Number: CORRESPONDENCE I Fax Number: Correspondence will L using a fax number, if Phone:	DATA De sent t	29534705 To the e-mail address first; if that is un d; if that is unsuccessful, it will be so 612-315-4100	
Email:		moua@cfpatlaw.com	
Correspondent Name:		CHRISTENSEN FONDER PA	
Correspondent Name: Address Line 1: Address Line 2:		CHRISTENSEN FONDER PA 33 SOUTH SIXTH STREET SUITE 3950	

ATTORNEY DOCKET NUMBER: 5027.0066US4

503848344

NAME OF SUBMITTER:	KIA MOUA			
SIGNATURE:	/Kia Moua/			
DATE SIGNED:	05/31/2016			
Total Attachments: 18				
source=5027_0066US4_ExecutedAssignments#page1.tif				
source=5027_0066US4_ExecutedAssignments#page2.tif				
source=5027_0066US4_ExecutedAssignments#page3.tif				
source=5027_0066US4_ExecutedAssignments#page4.tif				
source=5027_0066US4_ExecutedAssignments#page5.tif				
source=5027_0066US4_ExecutedAssignments#page6.tif				
source=5027_0066US4_ExecutedAssignments#page7.tif				
source=5027_0066US4_ExecutedAssignments#page8.tif				
source=5027_0066US4_ExecutedAssignments#page9.tif				
source=5027_0066US4_ExecutedAssignments#page10.tif				
source=5027_0066US4_ExecutedAssignments#page11.tif				
source=5027_0066US4_ExecutedAssignments#page12.tif				
source=5027_0066US4_ExecutedAssignments#page13.tif				
source=5027_0066US4_ExecutedAssignments#page14.tif				
source=5027_0066US4_ExecutedAssignments#page15.tif				
source=5027_0066US4_ExecutedAssignments#page16.tif				
source=5027_0066US4_ExecutedAssignments#page17.tif				
source=5027_0066US4_ExecutedAssig	nments#page18.tif			

ASSIGNMENT

WHEREAS, we, **Donald D. WARE** of 3920 Cheshunt Drive, Woodbury, MN 55125; **Greg NELSON** of 1701 East 57th Street, Minneapolis, MN 55417; **Amy KOLAND** of 12759 Sandy Point Road, Eden Prairie MN 55347; **Bruce MUSOLF** of 4147 Pennsylvania Avenue, Eagan, MN 55123; **Michael S. ALLEN** of 10116 Irwin Road, Bloomington, MN 55437; **John LEYS** of 9325 Pierson Lake Drive, Chaska, MN 55318; **James LINDER**, of 8545 Kelzer Pond Drive, Victoria, MN 55386; **Richard L. WILSON** of 5717 Grace Terrace, Edina, MN 55439; **Royce RICHTER** of 17134 Trenton Lane, Eden Prairie, MN 55347; and **Brenna BROSCH** of 8531 Spoonbill Circle, Chanhassen, MN 55317, ("Assignors"), have invented certain new and useful improvements in BREAKSEAL FOR A LIQUID DISPENSING SYSTEM, for which an application for Letters Patent of the United States has been made, and which may be identified in the United States Patent Office by Application No. 29/534,705, filed July 30, 2015,

WHEREAS, Entegris, Inc., ("Assignee"), a business entity organized and existing under the laws of the State of Delaware, and having its principal offices at 129 Concord Road, Billerica, MA 01821, 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 therefor,

NOW, THEREFORE, for and in consideration of good and valuable consideration paid by Assignee to Assignors, the receipt and sufficiency of which is hereby acknowledged by us, 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 invention, said application, all applications claiming priority to said application including all divisions, continuations or renewals thereof, and the Letters Patent, both foreign and domestic, that may or shall issue, therefrom including all reissues or extensions of such patents including all of our rights under the International Convention and further including the right to sue, counterclaim and recover for past, present and future infringement of the rights assigned or to be assigned, as fully and entirely as the same would have been held by the Assignors if this assignment had not been made, and we do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to the above mentioned Assignee in accordance herewith.

We 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.

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

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.

Date: 21/4//2016 Dav/Month/Year

Donald D. WARE

Subscribed to and sworn to before me this \mathcal{U}^{st} day of APAL, 20|6.

Notary Public

Notary Seal



Date: $\frac{26/4}{2}$ Day/Month/Year 2016

Van

Greg NELSON

Subscribed to and sworn to before me this 26^{-1} day of APPIL, 20 [6.

Notary **Public**

Notary Seal

CATHY JO GIESEN Notary Public State of Minnesota My Commission Expires January 31, 2018

Date: <u>29/ 4</u> 2016 Day/Month/Year

Amy KOLAND

Subscribed to and sworn to before me this 25 day of April, 2016.

Notary Public

Notary Seal



Date:_

Day/Month/Year

Bruce MUSOLF

Subscribed to and sworn to before me this _____ day of _____, 20___.

Ţ.

Notary Public

Date: 28/04/2016 Day/Month/Year

Michael S. ALLEN

Subscribed to and sworn to before me this \underline{ZE} day of \underline{APril} , 20/6.

Notary Public

Notary Seal



Date:

Day/Month/Year

John LEYS

Subscribed to and sworn to before me this _____, 20____.

Notary Public

Notary Seal

Date: 21/ April/2016 Day/Month/Year

James LINDER ÷.,-

Subscribed to and sworn to before me this 21⁵¹ day of APRIL ,2016.

Notary Public

Notary Seal



Richard L. WILSON

Subscribed to and sworn to before me

Day/Month/Year

20110

this 3 A day of Man , 20 [(

Notary Public

Date: 03/05

Notary Seal



Date: 03/MAY/2016 Day/Month/Year

Kielti

Royce RICHTER

Subscribed to and sworn to before me this <u>3rd.</u> day of <u>May</u>, 20/6. <u>Cacheth</u> <u>Blegen</u> <u>Bio</u>M

Notary Seal



Date: 29/4/2016 Day/Month/Year

Brenna BROSCH

Subscribed to and sworn to before me this 29^{+4} day of APPU, 2016.

Bill

Notary Public

Notary Seal



ASSIGNMENT

WHEREAS, we, **Donald D. WARE** of 3920 Cheshunt Drive, Woodbury, MN 55125; **Greg NELSON** of 1701 East 57th Street, Minneapolis, MN 55417; **Amy KOLAND** of 12759 Sandy Point Road, Eden Prairie MN 55347; **Bruce MUSOLF** of 4147 Pennsylvania Avenue, Eagan, MN 55123; **Michael S. ALLEN** of 10116 Irwin Road, Bloomington, MN 55437; **John LEYS** of 9325 Pierson Lake Drive, Chaska, MN 55318; **James LINDER**, of 8545 Kelzer Pond Drive, Victoria, MN 55386; **Richard L. WILSON** of 5717 Grace Terrace, Edina, MN 55439; **Royce RICHTER** of 17134 Trenton Lane, Eden Prairie, MN 55347; and **Brenna BROSCH** of 8531 Spoonbill Circle, Chanhassen, MN 55317, ("Assignors"), have invented certain new and useful improvements in BREAKSEAL FOR A LIQUID DISPENSING SYSTEM, for which an application for Letters Patent of the United States has been made, and which may be identified in the United States Patent Office by Application No. 29/534,705, filed July 30, 2015,

WHEREAS, Entegris, Inc., ("Assignee"), a business entity organized and existing under the laws of the State of Delaware, and having its principal offices at 129 Concord Road, Billerica, MA 01821, 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 therefor,

NOW, THEREFORE, for and in consideration of good and valuable consideration paid by Assignee to Assignors, the receipt and sufficiency of which is hereby acknowledged by us, 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 invention, said application, all applications claiming priority to said application including all divisions, continuations or renewals thereof, and the Letters Patent, both foreign and domestic, that may or shall issue, therefrom including all reissues or extensions of such patents including all of our rights under the International Convention and further including the right to sue, counterclaim and recover for past, present and future infringement of the rights assigned or to be assigned, as fully and entirely as the same would have been held by the Assignors if this assignment had not been made, and we do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to the above mentioned Assignee in accordance herewith.

We 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.

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

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.

Donald D. WARE

Subscribed to and sworn to before me this _____ day of _____, 20____.

Notary Public

Notary Seal

Date:_____

Day/Month/Year

Greg NELSON

Subscribed to and sworn to before me this _____ day of ______, 20____.

Notary Public

Date:

Day/Month/Year

Amy KOLAND

Subscribed to and sworn to before me this _____ day of ______, 20___.

Notary Public

Notary Seal

Date: 26 (APRIL/2016 Day/Month/Year

Luc. N Bruce MUSOLF

Subscribed to and sworn to before me this <u>10</u> day of <u>ADA</u>, 2014. W <u>Whit</u> <u>3DIU</u> <u>3DIU</u>

Notary Seal



Date:_____ Day/Month/Year

Michael S. ALLEN

Subscribed to and sworn to before me this _____ day of _____, 20___.

Notary Public

Notary Seal

Date: ______ Day/Month/Year

John LEYS

Subscribed to and sworn to before me this _____ day of _____, 20___.

Notary Public

Date:_____ Day/Month/Year

James LINDER

Subscribed to and sworn to before me this _____ day of ______, 20____.

Notary Public

Notary Seal

Date:_____ Day/Month/Year

Richard L. WILSON

Subscribed to and sworn to before me this _____ day of ______, 20___.

Notary Public

Date: Day/Month/Year

Royce RICHTER

Subscribed to and sworn to before me this _____ day of _____, 20___.

Notary Public

Notary Seal

Date: ______ Day/Month/Year

Brenna BROSCH

Subscribed to and sworn to before me this _____ day of ______, 20____.

Notary Public

ASSIGNMENT

WHEREAS, we, **Donald D. WARE** of 3920 Cheshunt Drive, Woodbury, MN 55125; **Greg NELSON** of 1701 East 57th Street, Minneapolis, MN 55417; **Amy KOLAND** of 12759 Sandy Point Road, Eden Prairie MN 55347; **Bruce MUSOLF** of 4147 Pennsylvania Avenue, Eagan, MN 55123; **Michael S. ALLEN** of 10116 Irwin Road, Bloomington, MN 55437; **John LEYS** of 9325 Pierson Lake Drive, Chaska, MN 55318; **James LINDER**, of 8545 Kelzer Pond Drive, Victoria, MN 55386; **Richard L. WILSON** of 5717 Grace Terrace, Edina, MN 55439; **Royce RICHTER** of 17134 Trenton Lane, Eden Prairie, MN 55347; and **Brenna BROSCH** of 8531 Spoonbill Circle, Chanhassen, MN 55317, ("Assignors"), have invented certain new and useful improvements in BREAKSEAL FOR A LIQUID DISPENSING SYSTEM, for which an application for Letters Patent of the United States has been made, and which may be identified in the United States Patent Office by Application No. 29/534,705, filed July 30, 2015,

WHEREAS, Entegris, Inc., ("Assignee"), a business entity organized and existing under the laws of the State of Delaware, and having its principal offices at 129 Concord Road, Billerica, MA 01821, 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 therefor,

NOW, THEREFORE, for and in consideration of good and valuable consideration paid by Assignee to Assignors, the receipt and sufficiency of which is hereby acknowledged by us, 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 invention, said application, all applications claiming priority to said application including all divisions, continuations or renewals thereof, and the Letters Patent, both foreign and domestic, that may or shall issue, therefrom including all reissues or extensions of such patents including all of our rights under the International Convention and further including the right to sue, counterclaim and recover for past, present and future infringement of the rights assigned or to be assigned, as fully and entirely as the same would have been held by the Assignors if this assignment had not been made, and we do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to the above mentioned Assignee in accordance herewith.

We 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.

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

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.

Date: _____ Day/Month/Year

Donald D. WARE

Subscribed to and sworn to before me this _____ day of _____, 20___.

Notary Public

Notary Seal

Date:

Day/Month/Year

Greg NELSON

Subscribed to and sworn to before me this _____ day of _____, 20___.

Notary Public

Amy KOLAND

Subscribed to and sworn to before me this _____ day of _____, 20___.

Notary Public

Notary Seal

Date:_____ Day/Month/Year

Bruce MUSOLF

Subscribed to and sworn to before me this _____ day of _____, 20___.

Notary Public

Notary Seal

PATENT REEL: 038748 FRAME: 0468

3 .

Date:

Day/Month/Year

Michael S. ALLEN

Subscribed to and sworn to before me this ______, 20____.

Notary Public

Notary Seal

Date: 20/4/2016 Day/Month/Year

n Ly John/LEYS

Subscribed to and sworn to before me this 20^{+4} day of <u>APPL</u>, 20<u>16</u>.

Notary Public



James LINDER

Subscribed to and sworn to before me this _____ day of _____, 20___.

Notary Public

Notary Seal

Date:

Day/Month/Year

Richard L. WILSON

Subscribed to and sworn to before me this _____ day of ______, 20___.

Notary Public

Date:_____ Day/Month/Year

Royce RICHTER

Subscribed to and sworn to before me this _____ day of _____, 20____.

Notary Public

Notary Seal

Date:_____ Day/Month/Year

Brenna BROSCH

Subscribed to and sworn to before me this _____ day of ______, 20___.

Notary Public

Notary Seal

PATENT REEL: 038748 FRAME: 0471

6