503779220 04/12/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3825866

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JÜRGEN M. LOBERT	04/05/2016
TYLER MOULTON	04/05/2016

RECEIVING PARTY DATA

Name:	ENTEGRIS, INC.	
Street Address:	129 CONCORD ROAD	
Internal Address:	BUILDING 2	
City:	BILLERICA	
State/Country:	MASSACHUSETTS	
Postal Code:	01821	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	29511388

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 3194.1102-000	
NAME OF SUBMITTER:	KELLIE J. VARNO
SIGNATURE:	/Kellie J. Varno/
DATE SIGNED:	04/11/2016

Total Attachments: 3

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PATENT 503779220 REEL: 038254 FRAME: 0415

Multi-Joint

ASSIGNMENT

WHEREAS, we, Jürgen M. Lobert and Tyler Moulton, together with co-inventors Thomas LeBlanc and John C. Gaudreau, have invented a certain improvement in Liquid-Free Trap For Trace Level Acidic And Basic AMC And Components Thereof described in an application for Patent,

the specification of which is about to be filed in the United States Patent Office (use for utility (37 CFR § 1.53(b)) and design filings only);
is about to be filed in the United States Patent Office as a Provisional Application
the specification of which is United States Application No. 29/511,388, filed December 10, 2014;
the specification of which is a Patent Cooperation Treaty Application, International Application No. [], filed [], which designates the United States of America [and is assigned United States Application No. []];
which was patented under United States Patent No. [].

WHEREAS, Entegris, Inc. (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the State of Delaware, and having a usual place of business at 129 Concord Road, Building 2, Billerica, Massachusetts 01821 desires to confirm its interest therein in accordance with agreements duly entered into with us;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of 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 said ASSIGNEE, its successors, assigns and legal representatives, our entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with our entire right, title and interest in and to said application and such Letters Patent as may issue on said invention; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, 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 by us had this assignment and sale not been made; we hereby convey all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of our entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for any and all related provisional and nonprovisional, international and national phase applications, including any and all substitution, reissue, divisional, continuation, and continuation-in-part applications, and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest

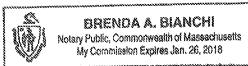
> PATENT REEL: 038254 FRAME: 0416

therein; I hereby expressly authorize the filing of an International Patent Application under the Patent Cooperation Treaty which corresponds to and claims the priority of the above-identified application;

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of any further applications including substitution, reissue, divisional or continuation, continuation-in-part applications, and all related provisional and nonprovisional, international and national phase applications, and preliminary or other statements and the giving of testimony in any interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request each Patent Office and the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said invention to said ASSIGNEE, its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, we have date set forth below.	nereunto set our hands and affixed our seals the
Inventor's Signature:	
State/Commonwealth of Massachuset County of Norfo/K	1. Lobert
On this day of QR/2_public, personally appeared Jürgen M. Lobert,	20/6, before me, the undersigned notary
personally known to me, or	
proved to me through satisfactory eviden	ce of identification, which was
MA Drivers License	
to be the person whose name was signed on the acknowledged that he/she signed the foregoing i	
(SEAL) Not	ary Public <i>f MUSHAMU</i> Breuda A. Branchi (print name)
	Commission expires Jan 2018



	and the second s	
Inventor's Signature:		
State/Commonwealth of Massachusells County of Viortoik	vler Moulton	
On this 5 th day of 0 public, personally appeared Tyler Moulton,	pril 2016, before me, the undersigned notary	
personally known to me, or		
proved to me through satisfactory evidence of identification, which was		
MA Driver's Cicense		
to be the person whose name was signed on the foregoing instrument in my presence, and acknowledged that he/she signed the foregoing instrument as his/her free act and deed.		
(SEAL)	Notary Public Sulds Added (print name)	
	My Commission expires $\sqrt{2p/2p/80/8}$	



RECORDED: 04/12/2016