505423043 04/11/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JAD ALI JABER	05/01/2018
KWOK-SHUN CHENG	08/27/2018
SAKSATHA LY	05/01/2018

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16381442

CORRESPONDENCE DATA

Fax Number:

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 978-436-6500

Email: ip prosecution@entegris.com

ENTEGRIS, INC. **Correspondent Name:** Address Line 1: 129 CONCORD ROAD

Address Line 4: BILLERICA, MASSACHUSETTS 01821

ATTORNEY DOCKET NUMBER:	E000075 US	
NAME OF SUBMITTER:	HEIDI M. ARCHER	
SIGNATURE:	/Heidi M. Archer/	
DATE SIGNED:	04/11/2019	

Total Attachments: 4

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PATENT REEL: 048860 FRAME: 0731 505423043

Attorney Docket No.: [E000075PRV]

ASSIGNMENT

WHEREAS, we,

Jad Ali Jaber of 3105 Princeton Way, Westford, MA, 01886, U.S.

Kwok-Shun Cheng of 7 Federal Hill Road, Nashua, NH, 03062, U.S.

Saksatha Ly of 154 Maple Street, Lexington, MA 02420, U.S.

("Assignors"), have invented certain new and useful improvements in **POLYAMIDE COATED FILTER MEMBRANE, FILTERS, AND METHODS**, 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. 62/664,515 filed April 30, 2018.

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, Massachusetts 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

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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: 0/-5-25/8Day/Month/Year

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Day/Month/Year

Witness Nicholas Filipancic

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: 8/27/18

Day/Month/Year

Date: $\frac{08/21/2018}{\text{Day/Month/Year}}$

Kwok-Shun CHENG

Witness

Witness

Date: OI/S/18
Day/Month/Year