506777494 07/21/2021

PATENT ASSIGNMENT COVER SHEET

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 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JAN W. VAN EGMOND	10/17/2016
JEFFREY D. GOAD	10/18/2016
JOHN K. KAARTO	11/02/2016
DANIEL CHISMAR	11/08/2016

RECEIVING PARTY DATA

Name:	W. R. GRACE & COCONN.
Street Address:	7500 GRACE DRIVE
City:	COLUMBIA
State/Country:	MARYLAND
Postal Code:	21044

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17381355

CORRESPONDENCE DATA

Fax Number: (203)293-9176

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: 2032208496

Email: dilworthip@dilworthip.com

Correspondent Name: DILWORTH IP, LLC
Address Line 1: 470 JAMES STREET

Address Line 2: SUITE 007

Address Line 4: NEW HAVEN, CONNECTICUT 06513

ATTORNEY DOCKET NUMBER:	245-004USDIV
NAME OF SUBMITTER:	VICTORIA HANSON, PARALEGAL
SIGNATURE:	/Victoria Hanson, Paralegal/
DATE SIGNED:	07/21/2021

Total Attachments: 6

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PATENT 506777494 REEL: 056931 FRAME: 0954

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PATENT REEL: 056931 FRAME: 0955

Attorney Docket No. W10104-01

PROVISIONAL APPLICATION ASSIGNMENT TO W. R. GRACE & CO.-CONN.

Inventor or Inventors:						
Jan W. VAN EGMOND	Daniel CHISMAR					
Jeffrey D. GOAD		700000000000000000000000000000000000000				
John K. KAARTO						

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned person(s) named above, herein referred to as UNDERSIGNED, hereby agree(s) as follows:

- (1) UNDERSIGNED hereby assign(s) to W. R. Grace & Co.-Conn., a corporation organized and existing under the laws of the State of Connecticut, its successors and assigns, herein referred to collectively as ASSIGNEE, the entire right, title and interest, for the United States and all foreign countries in and to UNDERSIGNED's:
 - (a) inventions described in the patent application entitled, PROCESS FOR EFFICIENT POLYMER PARTICLE PURGING; said application being further identified as U.S. Provisional Application No. 62/395,636, filed in the United States Patent and Trademark Office on September 16, 2016 and having Docket No. W10104-01;
 - (b) inventions claimed in any non-provisional:
 - (i) application, such as design, or regular utility patent application, continuing application (e.g., in whole or in-part), divisional application, reissue or re-examined patent application, or any patent application for substitution, importation, improvement, or addition, utility model, or inventors certificates; and/or
 - (ii) patent issuing from any of the above applications of 1(b)(i), and/or any other type of patent issued in countries anywhere in the world;

wherein said application and/or patent of 1(b)(i) or (ii)

- (A) directly claims priority to the Provisional Application of (a); or
- (B) indirectly claims priority to the Provisional Application of 1(a) (e.g., any application or patent claiming priority to one or more applications or patents, that directly or indirectly claim priority to the Provisional Application of 1(a));

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- (c) inventions constituting improvements or modifications to any inventions described in the Provisional Application of (a) and/or the non-provisional patent application(s) or patents of 1(b); the inventions of 1(a) (b) and (c) being collectively and individually referred to hereinafter as INVENTION(S);
- (d) applications (and patents based thereon) filed under the Patent Cooperation Treaty (PCT), and/or treaties, conventions or compacts of other regions (including e.g., European Patent, Eurasian Patent, ARIPO Patent and OAPI Patent) covering said INVENTION(S); and
- rights of priority created by said application(s) or patents under provisions of international conventions or treaties.
- (2) UNDERSIGNED agree(s) upon the request of ASSIGNEE to execute any and all applications for, and documents relating to, obtaining patents and the prosecution thereof for said INVENTION(S) and any continuations, re examinations or re-issues of such applications or substitutes therefore or registrations thereof, and any specific separate assignments of any of the above required for recording in the United States Patent and Trademark Office, and any foreign patent office that ASSIGNEE may deem necessary or expedient.
- (3) UNDERSIGNED agree(s) that in the event of any application based on said assigned INVENTION(S) or patent issued thereon, or any reissue or application for the reissue thereof, becoming involved in one or more legal proceedings anywhere in the world, e.g., Derivation Proceeding, Post Grant Review, Inter-Partes Review, Ex Parte Reexamination, Supplemental Examination, Third Party Post Issuance Proceedings, Transitional Business Method Post Grant Review, patent infringement litigation, and Declaratory Judgment proceeding, UNDERSIGNED will cooperate with ASSIGNEE, at ASSIGNEE'S expense, to the best of the ability of UNDERSIGNED in the matter of preparing and executing all documents, giving and producing evidence in support thereof, and generally do everything possible to aid ASSIGNEE, its (his/her) successors and assigns, to obtain and enforce proper protection for said INVENTION in the United States and its territorial possessions and in any and all foreign countries.
- (4) UNDERSIGNED agree(s) to perform, upon ASSIGNEE's request, any and all affirmative acts to obtain United States and foreign patents covering said INVENTION(S) and to vest all rights therein hereby conveyed to ASSIGNEE, as fully and as entirely as the same would have been held and enjoyed by UNDERSIGNED if these assignments had not been made.
- (5) UNDERSIGNED hereby authorize(s) ASSIGNEE's attorney to insert at paragraph 1, in this instrument, the filing date and Provisional Application number thereof when known.

Page 2 of 3

PATENT REEL: 056931 FRAME: 0957

Attorney Docket No. W18184-01

	IN WITN	ESS V	VHEREOF,	this	assignme	nt	þas t	oeen	executed	by
UND			ate opposite				ÁME.			•
Date	10/17/16	Inventor	Jan XI VAN E	EGMONI	**	(rs)	Wilness	R.L.	<u>i Ira</u>	<u>ba</u> udhu
Oste		inventor	Jeffrey D. GO.	/) AD	((LS)	Witness			
Date		inventor	John K. KAAR			(LS)	Witness			
Oste	***************************************	inventor	Caniel CHISM			LS)	Witness			

Attorney Docket No. W10104-01

IN WITNESS WHEREOF, this assignment has been executed by UNDERSIGNED on the date opposite UNDERSIGNED's NAME.

Oste		inventor	Jan W. VAN EGMOND	Wilness	***************************************
Date	10/18/2016	Inventor	Jeffrey D. GOAD	Witness	<u>Amy & Ashw</u> ort
Date	`	Inventor	John K. KAARTO	Witness	
Date		inventor	(LS) Daniel CHISMAR	Witness	

Attorney Docket No. W10104-01

IN WITNESS WHEREOF, this assignment has been executed by UNDERSIGNED on the date opposite UNDERSIGNED's NAME.

Date	Inventor	Jan W. VAN EGMOND	(LS)	Witness
Date	Inventor	Jeffrey D. GOAD	(LS)	Witness
_{Date} N <u>.vv 2. 201</u> 6	inventor	John K. KAARTO	(LS)	witness addiction a
Date	Inventor	Daniel CHISMAR	(LS)	Witness

Attorney Docket No. W10104-01

IN WITNESS WHEREOF, this assignment has been executed by UNDERSIGNED on the date opposite UNDERSIGNED's NAME.

Date		Inventor		(LS)	Witness	
			Jan W. VAN EGMOND			
Date		Inventor		(LS)	Wilness	
			Jeffrey D. GOAD			
Oale		Inventor		(LS)	Witness	
Date	11-8-16	Inventor	John K. KAARTO	, -(t-\$)	Witness	Beth Roman
			Daniel CHISMAR			