PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7370641

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	RELEASE OF SECURITY INTEREST AT REEL/FRAME 29644/0870

CONVEYING PARTY DATA

Name	Execution Date
BANK OF AMERICA, N.A., AS ADMINISTRATIVE AGENT	06/06/2022

RECEIVING PARTY DATA

Name:	TPC GROUP LLC
Street Address:	ONE ALLEN CENTER, 500 DALLAS ST., STE 2000
City:	HOUSTON
State/Country:	TEXAS
Postal Code:	77002

PROPERTY NUMBERS Total: 27

Property Type	Number
Application Number:	13332985
Patent Number:	6451075
Patent Number:	6562913
Patent Number:	6525149
Patent Number:	7037999
Patent Number:	6992152
Patent Number:	6683138
Patent Number:	6930148
Patent Number:	6884858
Patent Number:	6858188
Patent Number:	6844401
Patent Number:	6844400
Patent Number:	6777506
Patent Number:	6982300
Patent Number:	7091285
Patent Number:	7056990
Patent Number:	7645847
Patent Number:	7498396
Patent Number:	7329635
Application Number:	12932837

PATENT REEL: 060307 FRAME: 0955

507323717

Property Type	Number
Application Number:	61617506
Application Number:	13489064
Application Number:	61551526
Application Number:	61551547
Application Number:	61551576
Application Number:	61617535
Application Number:	61652378

CORRESPONDENCE DATA

Fax Number: (312)863-7867

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: 3128637267

Email: jaclyn.di.grande@goldbergkohn.com **Correspondent Name:** JACLYN DI GRANDE - PARALEGAL

Address Line 1: GOLDBERG KOHN LTD.

Address Line 2: 55 E MONROE ST., STE 3300 Address Line 4: CHICAGO, ILLINOIS 60603

ATTORNEY DOCKET NUMBER:	7528.022
NAME OF SUBMITTER:	JACLYN DI GRANDE
SIGNATURE:	/jaclyn di grande/
DATE SIGNED:	06/08/2022

Total Attachments: 8

source=TPC Patent Release 870#page1.tif source=TPC Patent Release 870#page2.tif source=TPC Patent Release 870#page3.tif source=TPC Patent Release 870#page4.tif source=TPC Patent Release 870#page5.tif source=TPC Patent Release 870#page6.tif source=TPC Patent Release 870#page7.tif source=TPC Patent Release 870#page8.tif

PATENT AND TRADEMARK RELEASE AND REASSIGNMENT

THIS PATENT AND TRADEMARK RELEASE AND REASSIGNMENT is made as of June 6, 2022, by BANK OF AMERICA N.A., as Administrative Agent (in such capacity, "Agent") in favor of TPC Group LLC, a Texas limited liability company ("Grantor").

WITNESSETH:

WHEREAS, Agent and Grantor are parties to that certain Grant of Security Interest in United States Trademarks and Patents dated as of December 20, 2012 (as amended, restated, supplemented or otherwise modified prior to the date hereof, the "Agreement"; all capitalized terms used herein but not otherwise defined herein shall have the respective meanings ascribed to such terms in the Agreement), pursuant to which Grantor granted a security interest to Agent in (a) the Marks set forth on Schedule 1 hereto, together with all Proceeds therefrom (collectively, the "Trademark Collateral"), and (b) the Patents set forth on Schedule 2 hereto, together with all Proceeds therefrom (collectively, the "Patent Collateral"); and

WHEREAS, the Agreement was recorded by the United States Patent and Trademark Office ("<u>USPTO</u>") on January 16, 2013 at Reel 29644, Frame 0870;

WHEREAS, Grantor has requested that Agent release its security interest in and lien on all of Grantor's right, title and interest in, to and under the Trademark Collateral and the Patent Collateral and reassign the same to Grantor; and

WHEREAS, Agent has agreed to release the entirety of its security interest in and lien on all of Grantor's right, title and interest in, to and under the Trademark Collateral and the Patent Collateral.

NOW THEREFORE, for good and valuable consideration, receipt and sufficiency of which are hereby acknowledged:

- 1. Agent hereby terminates the Agreement and releases its security interest in and lien on all of Grantor's right, title and interest in, to and under (a) the Trademark Collateral, including the Marks referred to on Schedule 1, and (b) the Patent Collateral, including the Patents set forth on Schedule 2.
- 2. Agent hereby reassigns, grants and conveys to Grantor, without any representation, recourse or undertaking by Agent, all of Agent's right, title and interest (if any) in and to the Trademark Collateral and the Patent Collateral.
- 3. This Patent and Trademark Release and Reassignment may be executed in any number of counterparts and by different parties hereto in separate counterparts, each of which when so executed and delivered will be deemed an original, but all such counterparts together will constitute but one and the same instrument.

[Signature Page Follows]

4853-4569-0403 v.2

IN WITNESS WHEREOF, Agent has caused this Patent Release and Reassignment to be executed as of the day and year first above written.

Bank of America N.A., as Agent

Title: Vice President

SCHEDULE 1

U.S. Trademark Registration

Trademark	Trademark Name	Country	Serial No.	Filing Date	Registration No.	Registration Date	Owner
***	Р	US	85/042,245	5/19/10	3,996,172	7/19/11	TPC Group LLC
TPC	TPC	US	85/316,712	5/10/11	4,070,662	12/13/11	TPC Group LLC
	TPC Group OXO-D	US	85/460/378				TPC Group LLC

4853-4569-0403 v.2

SCHEDULE 2

U.S. Patents

Matter	Title	Country	Serial No.	Filing	Patent No	Issue	Owner
No.		-		Date		Date	
TPC-	Process for	U.S.	13/332,985	12/21/11			TPC
10-1	Selective		(61/459,978)	(12/22/10)			Group
	Removal of						LLC
	Acetylenes from						
	Gaseous Streams						
TPC-	Low Lead	U.S.	09/457,920	12/9/99	6,451,075	9/17/01	TPC
10-2	Aviation						Group
	Gasoline Blend						LLC
TPC-	Process For	U.S.	09/515,790	2/29/00	6,562,913	5/13/03	TPC
10-3	Producing High						Group
	Vinylidene						LLC
	Polvisobutvlene						
TPC-	Process For	U.S.	09/665,084	9/20/00	6,525,149	2/25/03	TPC
10-4	Preparing		(60/154,263;	(9/1/99;			Group
	Polyolefin		60/160,357/	10/19/99;			LLC
	Products		09/515,790)	2/29/00)			
TPC-	Mid-Range	U.S.	10/102,279	3/19/02	7,037,999	5/2/06	TPC
10-5	Vinylidene						Group
	Content						LLC
	Polyisobutylene						
	Polymer Product						
	and Process For						
	Producing The						
	Same						
TPC-	Apparatus and	U.S.	10/922,181	8/19/04	6,992,152	1/31/06	TPC
10-7	Method for						Group
	Controlling						LLC
	Olefin						
	Polymerization						
	Process	TT C	10/22 / 52 2	10/01/00	6 600 100	11/6/6:	TTD C
TPC-	Process For	U.S.	10/334,639	12/31/02	6,683,138	11/9/04	TPC
10-9	Producing High	(cont. of					Group
	Vinylidene	TPC-10-					LLC
	Polyisobutylene	3)	40/400 202	1/0/07		0/4 5/5 5	mp.~
TPC-	Enhanced	U.S.	10/409, 203	4/8/03	6,930,148	8/16/05	TPC
10-10	Polyisobutylene						Group
	Modified Hot						LLC
	Melt Adhesive						
	Formulation	77.0	10/200 55:	= /2 0 /2 2	6.004.5.55	1/2 5/3 5	mp. ~
TPC-	Process for	U.S.	10/208,234	7/30/02	6,884,858	4/26/05	TPC

4853-4569-0403 v.2

10-11	Preparing Polyolefin Products	(cont. of TPC-10-4)					Group LLC
TPC- 10-12	Apparatus for Preparing Polyolefin Products and Methodology for Using the Same	U.S.	10/434,805	5/9/03	6,858,188	2/22/05	TPC Group LLC
TPC- 10-13	Apparatus for Preparing Polyolefin Products and Methodology for Using the Same	U.S.	10/758,499	1/15/04	6,844,401	1/18/05	TPC Group LLC
TPC- 10-14	Apparatus for Preparing Polyolefin Products and Methodology for Using the Same	U.S. (division of TPC- 10-12)	10/758,168	1/15/04	6,844,400	1/18/05	TPC Group LLC
TPC- 10-15	Apparatus for Preparing Polyolefin Products and Methodology for Using the Same	U.S. (division of TPC- 10-12)	10/757,748	1/15/04	6,777,506	8/17/04	TPC Group LLC
TPC- 10-16	Method for Preparing a Pressure Sensitive Adhesive Formulation Including an Enhanced Polyisobutylene Modifier	US (division Of TPC- 10-8)	10/893,827	7/19/04	6,982,300	1/3/06	TPC Group LLC
TPC- 10-17	Adducts of Midrange Vinylidene Content Polyisobutylene Polymer Products and Methods For	U.S.	10/896,792	7/22/04	7,091,285	8/15/06	TPC Group LLC

	Making Same						
TPC- 10-18	Process For Producing Midrange Vinylidene Content Polyisobutylene Polymer Products	(CIP of TPC-10-11 which is a continuat ion of TPC-10-5)	10/968,630	10/19/04	7,056,990	6/6/06	TPC Group LLC
TPC- 10-19	Process for Preparing Polyolefin Products	U.S. (cont. of TPC-10- 11)	10/962,920	10/12/04	7,645,847	1/12/10	TPC Group LLC
TPC- 10-20	Mid-range Vinylidene Content Polyisobutylene Polymer Product Produced by Liquid Phase Polymerization Process	U.S. (cont. of TPC-10- 18)	11/281,746	11/17/05	7,498,396	3/3/09	TPC Group LLC
TPC- 10-21	Crude oil Composition Including Dispersant Material for Mitigating Fouling of Process Equipment and Method for Mitigating Crude Oil Fouling	U.S.	11/634,668	12/6/06	7,329,635	2/18/08	TPC Group LLC
TPC- 10-22	Polyisobutylene Production Process With Improved Efficiencies and/or for Forming Products Having Improved	U.S.	12/932,837	3/8/11			TPC Group LLC

	Characteristics					
	and					
	Polyisobutylene					
	Products					
	Produces					
	Thereby					
TPC-	Low Emissions	U.S.	61/617,506	3/29/12		TPC
10-25	Oxidative	0.3.	01/01/,300	J/27/12		Group
10-23	Dehydrogenation					LLC
	Process for					LLC
	Producing Butadiene					
TPC-	Production of	U.S.	13/489,064	6/5/12		TPC
11-1	Highly Reactive	0.3.	(61/520,328)	(6/8/11)		Group
11-1	Low Molecular		(01/320,326)	(0/0/11)		LLC
	Weight PIB					LLC
	Oligomers					
TPC-	Polyisobutylene	U.S.	61/551,526	10/26/11		TPC
11-	Prepared at High	0.3.	01/331,320	10/20/11		Group
5A	Velocity and					LLC
	Circulation Rate					LLC
TPC-	Mid-Range	U.S.	61/551,547	10/26/11		TPC
11-5B	Vinylidene	0.5.	01/001,07/	10,20,11		Group
	Content, High					LLC
	Viscosity					
	Polyisobutylene					
	Polymer					
TPC-	Polyisobutylene	U.S.	61/551,576	10/26/11		TPC
11-5C	Prepared with		,			Group
	Low Diluent					LLC
	Content					
	Reaction					
	Medium					
TPC-	Improved	U.S.	61/617,535	3/29/12		TPC
11-8	Controllability					Group
	Oxidative					LLC
	Dehydrogenation					
	Process for					
	Producing					
	Butadiene					
	(OXOD)					
	Adducts					
TPC-	Adducts of Low	U.S.	61/652,378	5/29/12		TPC
12-3	Molecular					Group
	Weight PIB					LLC
	With					

Low			
Polydispersity			
and High			
Vinylidene			
Content			

4853-4569-0403 v.2

RECORDED: 06/08/2022