

TRADEMARK ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

ETAS ID: TM482771

SUBMISSION TYPE:	RESUBMISSION
NATURE OF CONVEYANCE:	RELEASE OF SECURITY INTEREST
RESUBMIT DOCUMENT ID:	900445528

CONVEYING PARTY DATA

Name	Formerly	Execution Date	Entity Type
GOLDMAN SACHS BANK USA		04/03/2018	Banking Corporation: NEW YORK

RECEIVING PARTY DATA

Name:	Alltech Associates, Inc
Street Address:	7500 Grace Drive
City:	Columbia
State/Country:	MARYLAND
Postal Code:	21044
Entity Type:	Corporation: ILLINOIS

PROPERTY NUMBERS Total: 10

Property Type	Number	Word Mark
Registration Number:	0941208	ADSORBOSIL-
Registration Number:	1265450	ALLTECH
Registration Number:	2836278	MODCOL
Registration Number:	2265821	MULTIPACKER
Registration Number:	1219854	OXY-PURGE
Registration Number:	3761067	REVELERIS
Registration Number:	3794124	REVELERIS
Registration Number:	3502990	SPRING
Registration Number:	4216256	VISIONHT
Registration Number:	1712890	VYDAC

CORRESPONDENCE DATA

Fax Number: 2124464900

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: 2124464800

Email: hayley.smith@kirkland.com

Correspondent Name: Kirkland & Ellis LLP

Address Line 1: Attn Hayley Smith

TRADEMARK

Address Line 2: 601 Lexington Avenue
Address Line 4: New York, NEW YORK 10022

NAME OF SUBMITTER: Hayley Smith

SIGNATURE: //Hayley Smith//

DATE SIGNED: 07/20/2018

Total Attachments: 47

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**RELEASE OF SECURITY INTEREST
IN INTELLECTUAL PROPERTY COLLATERAL**

This **RELEASE OF SECURITY INTEREST IN INTELLECTUAL PROPERTY COLLATERAL** (this "Release"), dated as of April 3, 2018, is made by **GOLDMAN SACHS BANK USA**, as Collateral Agent (in such capacity, the "Collateral Agent"), under the Credit Agreement referred to below (terms used in this Release and not herein defined shall have the meanings set forth in the Credit Agreement).

WHEREAS, in connection with that certain Credit Agreement, dated as of February 3, 2014 (as amended, restated, supplemented or otherwise modified from time to time, the "Credit Agreement"), among W. R. Grace & Co., a Delaware corporation ("**Holdings**"), W. R. Grace & Co.-Conn., a Connecticut corporation (the "Borrower"), Grace GmbH & Co. KG, a limited partnership under the laws of the Federal Republic of Germany registered with the local court Mainz under HRA 11357 (the "**German Borrower**"), the Lenders party thereto and Goldman Sachs Bank USA, as administrative agent and collateral agent, the Lenders agreed to make loans and extend other financial accommodations to or for the benefit of the Borrower;

WHEREAS, the Borrower and the other Loan Parties entered into that certain Security Agreement dated as of February 3, 2014 (as may be amended, restated, supplemented or otherwise modified from time to time, the "Security Agreement");

WHEREAS, in connection with the Credit Agreement, Security Agreement and pursuant to those certain agreements described on Annex I attached hereto (collectively, the "IP Security Agreements"), the Borrower and certain other Loan Parties granted security interests in the certain intellectual property owned by Borrower and the other Loan Parties, including those listed on Annex I attached hereto (the "IP Collateral"); and

WHEREAS, the IP Security Agreements were recorded in the U.S. Patent and Trademark Office on the dates and on the reels and frames set forth on Annex I hereto.

NOW THEREFORE, in consideration of the material covenants and agreements set forth herein and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Collateral Agent hereby **RELEASES**, terminates and discharges, without representation, recourse or warranty whatsoever, all of its rights, title and interest in and to the IP Collateral, together with (1) all proceeds and products of such IP Collateral, (2) the goodwill associated with such IP Collateral and (3) all causes of action arising prior to or after the date hereof for infringement of such IP Collateral or unfair competition regarding the same, and the Collateral Agent hereby reassigns to the applicable Loan Party any and all such rights, title and interest in and to such IP Collateral and related rights that the Collateral Agent may have.

The Collateral Agent agrees, at Borrower's expense, to cooperate with Borrower and to provide Borrower with the information and additional authorization reasonably required or reasonably desirable to effect the release of the Collateral Agent's security interest in the released collateral described herein.

This Release and the rights and obligations of the parties hereto shall be governed by, and construed and interpreted in accordance with, the laws of the State of New York.

[Signature Page Follows]

IN WITNESS WHEREOF, the Collateral Agent has executed this Release as of the date first above written.

GOLDMAN SACHS BANK USA,
as Collateral Agent

By:  _____

Name:

Title:

Robert Ehudin
Authorized Signatory

[Signature Page to Release of Security Interest in Intellectual Property Collateral]

TRADEMARK
REEL: 006388 FRAME: 0065

ANNEX I

Grant of Security Interest in United States Trademarks dated as of February 3, 2014, by W. R. Grace & Co.-Conn, a Connecticut corporation, in favor of Goldman Sachs Bank USA, as Collateral Agent, was recorded with the United States Patent and Trademark Office on February 4, 2014 at Reel/Frame No. 5208/0434.

Trademark	Appln. No.	Filing Date	Reg. No.	Owner
SHAC	73505836	10/26/1984	1337474	W. R. Grace & Co.-Conn.
ACTIVA	78/490676	9/28/2004	3134092	W. R. Grace & Co.-Conn.
ADCOR	77/374290	1/17/2008	3599772	W. R. Grace & Co.-Conn.
ADVA	75/091327	4/19/1996	2155417	W. R. Grace & Co.-Conn.
ADVA (LOGO)	75/353500	9/8/1997	2294958	W. R. Grace & Co.-Conn.
ADVANTA	76/382292	3/14/2002	2736132	W. R. Grace & Co.-Conn.
AIRALON	71/569966	12/1/1948	542270	W. R. Grace & Co.-Conn.
ALCYON	77/949128	3/3/2010	4071230	W. R. Grace & Co.-Conn.
APPERTA	77/046410	11/17/2006	3353072	W. R. Grace & Co.-Conn.
ASTERA	77/949114	3/3/2010	4071228	W. R. Grace & Co.-Conn.
BASIK	77/042301	11/13/2006	3243470	W. R. Grace & Co.-Conn.
BITUTHENE	73/576622	1/1/1986	1404958	W. R. Grace & Co.-Conn.
BITUTHENE	73/680648	8/1/1987	1517706	W. R. Grace & Co.-Conn.
BITUTHENE	72/302072	7/5/1968	868344	W. R. Grace & Co.-Conn.
CATALAGRAM	208072	12/14/1964	795991	W. R. Grace & Co.-Conn.
CBA	74/734272	9/25/1995	2065821	W. R. Grace & Co.-Conn.
CELOX	85/333603	5/31/2011	4169158	W. R. Grace & Co.-Conn.
CIPER	77/210521	6/20/2007	3752703	W. R. Grace & Co.-Conn.
CLARENA	85/514680	1/12/2012	4314289	W. R. Grace & Co.-Conn.
CO2ST	78/667456	7/11/2005	3628807	W. R. Grace & Co.-Conn.
CO2ST REDUCERS (DESIGN)	78/736190	10/19/2005	3628839	W. R. Grace & Co.-Conn.

Trademark	Appln. No.	Filing Date	Reg. No.	Owner
CONDENSATIONG ARD	74/622279	1/17/1995	1956064	W. R. Grace & Co.-Conn.
CP	73/655556	4/16/1987	1490721	W. R. Grace & Co.-Conn.
CP-3	73/551014	7/30/1985	1407224	W. R. Grace & Co.-Conn.
CRYOSIV	78/426008	5/27/2004	3382733	W. R. Grace & Co.-Conn.
CUSTOM AGGREGATE SOLUTIONS LOGO	85/051728	6/1/2010	3949287	W. R. Grace & Co.-Conn.
DARACCEL	430412	6/1/1983	1281158	W. R. Grace & Co.-Conn.
DARACEM	73/579921	1/1/1986	1407246	W. R. Grace & Co.-Conn.
DARACLAR	74/362997	3/1/1993	1834238	W. R. Grace & Co.-Conn.
DARAFILL	74/357563	2/10/1993	1829110	W. R. Grace & Co.-Conn.
DARAFORM	74/324398	10/22/1992	1825693	W. R. Grace & Co.-Conn.
DARASEAL	524793	3/1/1985	1358709	W. R. Grace & Co.-Conn.
DARASEAL	524797	3/1/1985	1359213	W. R. Grace & Co.-Conn.
DARASET	73/582532	2/1/1986	1409076	W. R. Grace & Co.-Conn.
DARATARD	72/130205	10/1/1961	743973	W. R. Grace & Co.-Conn.
DARAVAIR	72/130204	10/1/1961	743972	W. R. Grace & Co.-Conn.
DARAWELD	699903	12/1/1955	632477	W. R. Grace & Co.-Conn.
DAREX	469748	4/28/1944	409573	W. R. Grace & Co.-Conn.
DAREX	71/486939	8/9/1945	421159	W. R. Grace & Co.-Conn.
DAREX AEA	621310	11/1/1951	570646	W. R. Grace & Co.-Conn.
DAVICAT	75/294620	5/19/1997	2229578	W. R. Grace & Co.-Conn.
DAVISIL	75/731876	6/18/1999	2732453	W. R. Grace & Co.-Conn.
DAVISON*	72/164438	3/12/1963	769788	W. R. Grace & Co.-Conn.
DCI	73/602596	6/1/1986	1424487	W. R. Grace & Co.-Conn.
DECK IT RIGHT LOGO	78/402895	4/16/2004	2996075	W. R. Grace & Co.-Conn.

Trademark	Appln. No.	Filing Date	Reg. No.	Owner
DENOX	75/580966	11/2/1998	2505595	W. R. Grace & Co.-Conn.
DESOX	75/576516	10/26/1998	2285510	W. R. Grace & Co.-Conn.
DMA	75/427617	2/2/1998	2225944	W. R. Grace & Co.-Conn.
D-PRISM	76/248127	4/30/2001	2743553	W. R. Grace & Co.-Conn.
DRI-PAX*	71629360	5/8/1952	0584733	W. R. Grace & Co.-Conn.
DRY-BLOCK	412353	2/1/1983	1369653	W. R. Grace & Co.-Conn.
E-CATALYSTS	76/049485	5/16/2000	2637589	W. R. Grace & Co.-Conn.
E-CATALYSTS AND LOGO	76/220393	2/28/2001	2767419	W. R. Grace & Co.-Conn.
E-CATALYSTS LOGO	76/220389	2/28/2001	2780075	W. R. Grace & Co.-Conn.
E- CATALYSTS.COM	76/049486	5/16/2000	2779897	W. R. Grace & Co.-Conn.
ECLIPSE	75/040740	1/5/1996	2112829	W. R. Grace & Co.-Conn.
EDGEGUARD*	78/755103	11/16/2005	3162363	W. R. Grace & Co.-Conn.
ENCORE	85058073	6/9/2010	4198999	W. R. Grace & Co.-Conn.
ENRICH	77465387	5/5/2008	4118831	W. R. Grace & Co.-Conn.
ENRICHING LIVES, EVERYWHERE.	77/686588	3/9/2009	3792041	W. R. Grace & Co.-Conn.
ENRICHING LIVES, EVERYWHERE.	77/686586	3/9/2009	4080412	W. R. Grace & Co.-Conn.
ESE	78/208392	1/29/2003	2880386	W. R. Grace & Co.-Conn.
FLASH IT RIGHT (LOGO)	78/402919	4/16/2004	3018698	W. R. Grace & Co.-Conn.
FLORPRUFE	78/107582	2/8/2002	2748871	W. R. Grace & Co.-Conn.
FLOWMOTION	77/427521	3/20/2008	3,719,353	W. R. Grace & Co.-Conn.
FORCE 10,000	73/578021	1/1/1986	1428911	W. R. Grace & Co.-Conn.
GENESIS	77/381333	1/26/2008	3661638	W. R. Grace & Co.-Conn.
GILCO	462116	7/5/1973	992965	W. R. Grace & Co.-Conn.

Trademark	Appln. No.	Filing Date	Reg. No.	Owner
GK 45	218290	5/1/1965	799014	W. R. Grace & Co.-Conn.
GR	73/473397	4/2/1984	1347037	W. R. Grace & Co.-Conn.
GRACE	72127007	8/31/1961	733284	W. R. Grace & Co.-Conn.
GRACE	73/583490	2/18/1986	1437819	W. R. Grace & Co.-Conn.
GRACE	74/000640	11/16/1989	1607468	W. R. Grace & Co.-Conn.
GRACE	74/283853	6/11/1992	1751126	W. R. Grace & Co.-Conn.
GRACE	74/283852	6/11/1992	1758304	W. R. Grace & Co.-Conn.
GRACE	74/284097	6/12/1992	1813264	W. R. Grace & Co.-Conn.
GRACE	74/724704	9/5/1995	1995531	W. R. Grace & Co.-Conn.
GRACE	74/725339	9/5/1995	1995539	W. R. Grace & Co.-Conn.
GRACE	74/724701	9/5/1995	1998235	W. R. Grace & Co.-Conn.
GRACE	74/724703	9/5/1995	2090421	W. R. Grace & Co.-Conn.
GRACE	74/725329	9/5/1995	2090422	W. R. Grace & Co.-Conn.
GRACE	74/725340	9/5/1995	2090423	W. R. Grace & Co.-Conn.
GRACE	74/724700	9/5/1995	2203422	W. R. Grace & Co.-Conn.
GRACE	74/724702	9/5/1995	2206302	W. R. Grace & Co.-Conn.
GRACE CONSTRUCTION PRODUCTS	77/488633	6/2/2008	3665698	W. R. Grace & Co.-Conn.
GRACE CONSTRUCTION PRODUCTS	77/488630	6/2/2008	3688147	W. R. Grace & Co.-Conn.
GRACE CUSTOM AGGREGATE SOLUTIONS	85/051720	6/1/2010	3946217	W. R. Grace & Co.-Conn.
GRACE DAVISON	74/472740	12/23/1993	1910938	W. R. Grace & Co.-Conn.
GRACE VYCORNER	78/756032	11/17/2005	3227072	W. R. Grace & Co.-Conn.
GSR	75186795	10/24/1996	2105453	W. R. Grace & Co.-Conn.

Trademark	Appln. No.	Filing Date	Reg. No.	Owner
HEA2	72/263177	1/1/1967	853023	W. R. Grace & Co.-Conn.
HOUSE LOGOTYPE	78/402892	4/16/2004	3026963	W. R. Grace & Co.-Conn.
HY	75/430879	2/9/1998	2244510	W. R. Grace & Co.-Conn.
HY (DESIGN)	75/430878	2/9/1998	2249257	W. R. Grace & Co.-Conn.
HYAMPP	85563171	3/7/2012	4299270	W. R. Grace & Co.-Conn.
HYDRODUCT	733854	6/1/1988	1558026	W. R. Grace & Co.-Conn.
HYDROPHOBE	72/342041	10/29/1969	897650	W. R. Grace & Co.-Conn.
ICE & WATER SHIELD	74/064611	6/1/1990	1669464	W. R. Grace & Co.-Conn.
IMPACT	76/487042	2/3/2003	3159332	W. R. Grace & Co.-Conn.
KWIK-KLEEN	74/151963	3/27/1991	1669979	W. R. Grace & Co.-Conn.
LD	73/579827	1/27/1986	1407245	W. R. Grace & Co.-Conn.
LGA	78/225152	3/13/2003	2902419	W. R. Grace & Co.-Conn.
LIBRA	78/490677	9/28/2004	3149698	W. R. Grace & Co.-Conn.
LUBRICON*	448374	2/9/1973	984256	W. R. Grace & Co.-Conn.
LUDOX (STYLIZED)	71/543577	12/6/1947	503253	W. R. Grace & Co.-Conn.
MAGNAPORE	72/425484	5/25/1972	972141	W. R. Grace & Co.-Conn.
MIDAS	76/388890	3/28/2002	2897694	W. R. Grace & Co.-Conn.
MINISPHERES	73/411716	1/31/1983	1299165	W. R. Grace & Co.-Conn.
MINISPHERES	73/430173	6/13/1983	1299175	W. R. Grace & Co.-Conn.
MIRA	75/620102	1/13/1999	2444938	W. R. Grace & Co.-Conn.
MIRA & DESIGN	76/099141	7/28/2000	2465818	W. R. Grace & Co.-Conn.
MK	72465229	8/9/1973	1021284	W. R. Grace & Co.-Conn.
MK	74/070131	6/18/1990	1690183	W. R. Grace & Co.-Conn.
MK-6	74/070133	6/18/1990	1690184	W. R. Grace & Co.-Conn.
MONOKOTE	73/610856	7/1/1986	1468327	W. R. Grace & Co.-Conn.

Trademark	Appl. No.	Filing Date	Reg. No.	Owner
MONOKOTE	85/650711	6/13/2012	4288605	W. R. Grace & Co.-Conn.
MORSET	684067	9/14/1987	1485806	W. R. Grace & Co.-Conn.
MTDA	72/049927	4/18/1958	681651	W. R. Grace & Co.-Conn.
MTX	74/436534	9/17/1993	1928569	W. R. Grace & Co.-Conn.
OCTACAT	73/352627	3/2/1982	1267469	W. R. Grace & Co.-Conn.
OLEFINSMAX (STYLIZED)	75/598306	12/2/1998	2311497	W. R. Grace & Co.-Conn.
OLEFINSULTRA	76235943	4/5/2001	2620434	W. R. Grace & Co.-Conn.
OPTEC	78/320237	10/29/2003	2982029	W. R. Grace & Co.-Conn.
ORION	74/066963	6/8/1990	1640119	W. R. Grace & Co.-Conn.
PERM-A-BARRIER	73/646272	2/1/1987	1484256	W. R. Grace & Co.-Conn.
PERM-A-BARRIER	77/840134	10/2/2009	3929544	W. R. Grace & Co.-Conn.
PHONOSORB	74/452651	10/14/1993	1907797	W. R. Grace & Co.-Conn.
PIERI LOGO (VERTICAL)	78/397911	4/7/2004	3139908	W. R. Grace & Co.-Conn.
PINNACLE	78/870830	4/27/2006	3196898	W. R. Grace & Co.-Conn.
POLARSET	74/153008	4/1/1991	1795502	W. R. Grace & Co.-Conn.
POLIEDGE	76/355539	1/4/2002	2674581	W. R. Grace & Co.-Conn.
POLYTRAK	78/789408	1/11/2006	3393146	W. R. Grace & Co.-Conn.
PREPRUFE	75/058258	2/15/1996	2122217	W. R. Grace & Co.-Conn.
PREPRUFE SCS	77/479021	5/20/2008	3709693	W. R. Grace & Co.-Conn.
PROCOR	75/135769	7/18/1996	2181173	W. R. Grace & Co.-Conn.
PROTEK-SORB	422466	8/10/1939	373979	W. R. Grace & Co.-Conn.
PROTEK-SORB	451965	3/28/1942	397230	W. R. Grace & Co.-Conn.
PROTEK-SORB 121 (STYLIZED/DESIGN)	627049	3/26/1952	568355	W. R. Grace & Co.-Conn.
QUANTEC	75/828224	10/22/1999	2458555	W. R. Grace & Co.-Conn.

Trademark	Appln. No.	Filing Date	Reg. No.	Owner
RANEY	72/208361	12/17/1964	813260	W. R. Grace & Co.-Conn.
RAREOX	71/566421	9/2/1948	523113	W. R. Grace & Co.-Conn.
RASIR	77/053658	11/30/2006	3366464	W. R. Grace & Co.-Conn.
RDA	130202	10/1/1961	743622	W. R. Grace & Co.-Conn.
RDA	381608	7/1/1936	341496	W. R. Grace & Co.-Conn.
REACTOR	85501183	12/21/2011	4186611	W. R. Grace & Co.-Conn.
REBEL	85291823	4/11/2011	4126205	W. R. Grace & Co.-Conn.
RECOVER	73/765038	11/1/1988	1559463	W. R. Grace & Co.-Conn.
RECOVER LOGO	73/800250	5/15/1989	1572719	W. R. Grace & Co.-Conn.
REDUCER	85501172	12/21/2011	4232802	W. R. Grace & Co.-Conn.
REMEDY	85291836	4/11/2011	4162207	W. R. Grace & Co.-Conn.
RETRO-GUARD	73/760041	10/1/1988	1545394	W. R. Grace & Co.-Conn.
RFG	74/129843	1/9/1991	1701058	W. R. Grace & Co.-Conn.
RIPCORD	78/147299	7/25/2002	2865665	W. R. Grace & Co.-Conn.
ROOF IT RIGHT (LOGO)	78/402885	4/16/2004	2947952	W. R. Grace & Co.-Conn.
SHIELDEX	73/635743	12/16/1986	1447031	W. R. Grace & Co.-Conn.
SMART CATALYST SYSTEM (STYLIZED)	76/230594	3/26/2001	3142460	W. R. Grace & Co.-Conn.
SODASORB	71/281082	3/21/1929	258511	W. R. Grace & Co.-Conn.
SPATTERKOTE	74/129436	1/1/1991	1713682	W. R. Grace & Co.-Conn.
SPECTRA	75/186796	10/24/1996	2103463	W. R. Grace & Co.-Conn.
STRUX	78/043928	1/19/2001	2698735	W. R. Grace & Co.-Conn.
SURCA	76/247538	4/30/2001	2627781	W. R. Grace & Co.-Conn.
SYLOBEAD	75/359236	9/18/1997	2282048	W. R. Grace & Co.-Conn.
SYLOBLOC	73/835366	11/1/1989	1607904	W. R. Grace & Co.-Conn.

Trademark	Appln. No.	Filing Date	Reg. No.	Owner
SYLODENT	73/617444	8/29/1986	1438809	W. R. Grace & Co.-Conn.
SYLOID	324587	4/15/1969	905707	W. R. Grace & Co.-Conn.
SYLOJET	75/174594	9/30/1996	2151424	W. R. Grace & Co.-Conn.
SYLOPOL	74/226134	11/29/1991	1820354	W. R. Grace & Co.-Conn.
SYLOSIV	73/421747	4/15/1983	1305597	W. R. Grace & Co.-Conn.
SYNCHRO	78/482442	9/13/2004	3555235	W. R. Grace & Co.-Conn.
SYNCHRO LOGO	78/482446	9/13/2004	3555236	W. R. Grace & Co.-Conn.
TDA	346857	2/1/1934	314204	W. R. Grace & Co.-Conn.
TEL-TALE	71/472889	8/3/1944	411442	W. R. Grace & Co.-Conn.
TERAPAVE	75/895017	1/11/2000	2724725	W. R. Grace & Co.-Conn.
TOP-CAST	78/837804	3/15/2006	3260463	W. R. Grace & Co.-Conn.
TRACTION XT*	77/095614	1/31/2007	3587712	W. R. Grace & Co.-Conn.
TRI-FLEX	78/710809	9/12/2005	3473741	W. R. Grace & Co.-Conn.
TRI-FLEX XTREME	76/620399	11/12/2004	3610727	W. R. Grace & Co.-Conn.
TRISYL	73/728738	5/13/1988	1516101	W. R. Grace & Co.-Conn.
TRYSTA	75/773976	8/12/1999	2704960	W. R. Grace & Co.-Conn.
TYTRO	78/837460	3/15/2006	3589114	W. R. Grace & Co.-Conn.
TYTRON	75/180549	10/11/1996	2203172	W. R. Grace & Co.-Conn.
TYTRONIX	75/600669	12/1/1998	2574093	W. R. Grace & Co.-Conn.
VITROX*	72/184118	1/6/1964	786609	W. R. Grace & Co.-Conn.
V-MAR	78/067391	6/5/2001	2751339	W. R. Grace & Co.-Conn.
VYCOR	77/042294	11/13/2006	3416689	W. R. Grace & Co.-Conn.
VYCOR DECK PROTECTOR	78/225152	3/13/2003	2883234	W. R. Grace & Co.-Conn.
VYCOR ENV	77/654478	1/22/2009	3894501	W. R. Grace & Co.-Conn.
WRDA	72/045797	2/13/1958	682035	W. R. Grace & Co.-Conn.
XNOX	75-582192	11/2/1998	2298167	W. R. Grace & Co.-Conn.

Trademark	Appln. No.	Filing Date	Reg. No.	Owner
XPAL	72/281074	9/25/1967	861852	W. R. Grace & Co.-Conn.
ZYLA	78/446971	7/7/2004	3061215	W. R. Grace & Co.-Conn.
G-CON	74/078127	7/9/1990	1688336	W. R. Grace & Co.-Conn. (NY)

* This registration has been cancelled.

1. Trademarks with Pending Applications:

Trademark	Appln. No.	Filing Date	Owner
CONSISTA	85899822	4/10/2013	W. R. Grace & Co.-Conn.
ACHIEVE	86073986	9/25/2013	W. R. Grace & Co.-Conn.
ACTIMAX	86140981	12/11/2013	W. R. Grace & Co.-Conn.
GRACE	86076967	9/27/2013	W. R. Grace & Co.-Conn.
PROVANCE	86141145	12/11/2013	W. R. Grace & Co.-Conn.
SODASORB	86076957	9/27/2013	W. R. Grace & Co.-Conn.
IOLA	85650715	6/13/2012	W. R. Grace & Co.-Conn.
REPLACER	85500996	12/21/2011	W. R. Grace & Co.-Conn.
RESIDULTRA	85296372	4/15/2011	W. R. Grace & Co.-Conn.
SILCOR	85/140966	9/29/2010	W. R. Grace & Co.-Conn.
SILSOL	85917697	4/29/2013	W. R. Grace & Co.-Conn.

Grant of Security Interest in United States Trademarks dated as of February 3, 2014, by Alltech Associates, Inc., an Illinois corporation, in favor of Goldman Sachs Bank USA, as Collateral Agent, was recorded with the United States Patent and Trademark Office on February 4, 2014 at Reel/Frame No. 5207/0974.

Trademark	Appln. No.	Filing Date	Reg. No.	Owner
ADSORBOSIL	72/386061	3/11/1971	941208	Alltech Associates, Inc.
ALLTECH	73/379872	8/13/1982	1265450	Alltech Associates, Inc.
CHIRASIL-VAL**	460193	1/9/1984	1308795	Alltech Associates, Inc.
DEACTIGLAS**	460473	1/11/1984	1321876	Alltech Associates, Inc.
DENALI**	76/485267	1/24/2003	2917779	Alltech Associates, Inc.
MODCOL	76/527451	7/3/2003	2836278	Alltech Associates, Inc.
MULTIPACKER	75/330180	7/24/1997	2265821	Alltech Associates, Inc.
OXY-PURGE	73/337611	11/18/1981	1219854	Alltech Associates, Inc.
REVELERIS	77/795646	8/3/2009	3,761,067	Alltech Associates, Inc.
REVELERIS	77/599912	10/24/2008	3794124	Alltech Associates, Inc.
SPRING	78/632081	5/18/2005	3502990	Alltech Associates, Inc.
VISIONHT	85222835	1/25/2011	4216256	Alltech Associates, Inc.
VYDAC	74/216278	10/24/1991	1712890	Alltech Associates, Inc.

** These registrations have been allowed to lapse.

Grant of Security Interest in United States Patents dated as of February 3, 2014, by W. R. Grace & Co.-Conn, a Connecticut corporation, in favor of Goldman Sachs Bank USA, as Collateral Agent, was recorded with the United States Patent and Trademark Office on February 4, 2014 at Reel/Frame No. 032159/0384.

Invention Title	Owner Name	Appl. No.	Filing Date	Publ. No.	Publ. Date	Patent No.	Issue Date
Catalyst Composition With Phosphorus-Based Donor And Method	Dow Global Technologies Inc*	13/710975		2013-0102457	4/25/2013		
Catalyst Composition With Halo-Malonate Internal Electron Donor And Polymer From Same	Dow Global Technologies Inc*	13/760279	2/6/2013	2013-0150234	6/13/2013		
Catalyst Composition With Halo-Malonate Internal Electron Donor And Polymer From Same	Dow Global Technologies Inc*	12/974402		2012-0157296	6/21/2012	8383540	2/26/2013
Self-Limiting Catalyst Composition With Non-Phthalate Internal Donor	Dow Global Technologies Inc*	12/809663	6/21/2010	2010-0273641	10/28/2010		
Self-Limiting Catalyst Composition With No Silane	Dow Global Technologies Inc*	12/674485	2/22/2010	2011-0124491	5/26/2011		
Gas-Phase Polymerization Process	Dow Global Technologies Inc*	12/674475	3/11/2011	2011-0172377	7/14/2011	8324327	12/4/2012
High Melt Flow Propylene Impact Copolymer And Method	Dow Global Technologies Inc*	12/390897		2009-0209706	8/20/2009	8067510	11/29/2011
Amide Ester Internal Electron Donor And Process	Dow Global Technologies Inc*	13/580414	8/22/2012	2012-0316299	12/13/2012	8551903	10/8/2013
Halogenated Amide Ester And Internal Electron Donor With Same	Dow Global Technologies Inc*	13/580412	8/22/2012	2012-0322964	12/20/2012	8466081	6/18/2013
Three And Four Atom Bridged Dicarboxate Compounds As Internal Donors In Catalysts For Polypropylene Manufacture	Dow Global Technologies Inc*	12/956091		2011-0130529	6/2/2011		
Three And Four Atom Bridged Dicarboxate Compounds As Internal Donors In Catalysts For Polypropylene Manufacture	Dow Global Technologies Inc*	PCT/US10/058273					
Procatalyst Composition With Adamantane And Method	Dow Global Technologies Inc*	12/761854		2010-0273966	10/28/2010	8288304	10/16/2012

Invention Title	Owner Name	Appl. No.	Filing Date	Publ. No.	Publ. Date	Patent No.	Issue Date
Use Of Dicarboxylate Compounds As Internal Electron Donors In Catalysts For Polypropylene Manufacture	Dow Global Technologies Inc*	13/610439		2013-0245306	9/19/2013		
Use Of Dicarboxylate Compounds As Internal Electron Donors In Catalysts For Polypropylene Manufacture	Dow Global Technologies Inc*	12/956050		2011-0130530	6/2/2011	8263520	9/11/2012
Gas-Phase Polymerization Process Under Multiple Flow Regimes	Dow Global Technologies Inc*	12/970617		2011-0152424	6/23/2011	8178633	5/15/2012
Procatalyst Composition With Substituted Amide Ester Internal Electron Donor	Dow Global Technologies Inc*	13/580409	8/22/2012	2012-0322962	12/20/2012	8604144	12/10/2013
Procatalyst Composition With Substituted Amide Ester Internal Electron Donor	Dow Global Technologies Inc*	14/075079					
Method For Polymerizing Polypropylene	Dow Global Technologies Inc*	12/941440		2012-0116029	5/10/2012		
Catalyst Composition With Alkoxyalkyl Ester Internal Electron Donor And Polymer From Same	Dow Global Technologies Inc*	13/996322	6/20/2013	2013-0289231	10/31/2013		
Catalyst Composition With Alkoxyalkyl Ester Internal Electron Donor And Polymer From Same	Dow Global Technologies Inc*	12/974322	12/21/2010	2012-0157642	6/21/2012	8604146	12/10/2013
Process For Producing Procatalyst Composition With Alkoxyalkyl Ester Internal Electron Donor And Product	Dow Global Technologies Inc*	13/854453		2013-0225398	8/29/2013		
Procatalyst Composition With Alkoxyalkyl-2-Propanoate Internal Electron Donor And Polymer From Same	Dow Global Technologies Inc*	13/996300	6/20/2013				
Procatalyst Composition With Alkoxyalkyl-2-Propanoate Internal Electron Donor And Polymer From Same	Dow Global Technologies Inc*	12/974667		2012-0157643	6/21/2012	8536290	9/17/2013

Invention Title	Owner Name	Appl. No.	Filing Date	Publ. No.	Publ. Date	Patent No.	Issue Date
Procatalyst Composition With Alkoxypropyl Ester Internal Electron Donor And Polymer From Same	Dow Global Technologies Inc*	13/996340	6/20/2013	2013-0289228	10/31/2013		
Procatalyst Composition With Alkoxypropyl Ester Internal Electron Donor And Polymer From Same	Dow Global Technologies Inc*	12/974752	12/21/2010	2012-0157645	6/21/2012		
Improved Process For Gas-Phase Polymerization Having High Bed Bulk Density	Dow Global Technologies Inc*	13/172969		2013-0005923	1/3/2013		
Morphology Controlled Olefin Polymerization Process	Dow Global Technologies Inc*	10/544278	8/3/2005	2006-0142152	6/29/2006	7365039	4/29/2008
Catalyst Composition With Monocarboxylic Acid Ester Internal Donor And Propylene Polymerization Process	Dow Global Technologies Inc*	12/145061		2008-0319146	12/25/2008	7687426	3/30/2010
Self Limiting Catalyst Composition With Dicarboxylic Acid Ester Internal Donor And Propylene Polymerization Process	Dow Global Technologies Inc*	10/568931	2/21/2006	2007-0032375	2/8/2007	7381779	6/3/2008
Self Limiting Catalyst Composition And Propylene Polymerization Process	Dow Global Technologies Inc*	12/352173		2009-0182101	7/16/2009	7678868	3/16/2010
Catalyst Composition With Mixed Selectivity Control Agent And Method	Dow Global Technologies Inc*	12/390785		2009-0203863	8/13/2009	7893003	2/22/2011
Catalyst Composition With Mixed Selectivity Control Agent And Method	Dow Global Technologies Inc*	13/025532	2/11/2011	2011-0136998	6/9/2011		
Self-Limiting Catalyst System With Controlled Aluminum To Sca Ratio And Method	Dow Global Technologies LLC*	13/059495	2/17/2011	2011-0152490	6/23/2011		
Antifoulant For Impact Copolymers And Method	Dow Global Technologies LLC*	12/643651	12/21/2009	2010-0167058	7/1/2010	8604118	12/10/2013
Self-Limiting Catalyst System With Controlled Aluminum To Sca Ratio And Method	Dow Global Technologies LLC*	12/674468	2/22/2010	2011-0152067	6/24/2011		

Invention Title	Owner Name	Appl. No.	Filing Date	Publ. No.	Publ. Date	Patent No.	Issue Date
Self Limiting Catalyst Composition And Propylene Polymerization Process	Dow Global Technologies LLC*	10/568930	2/21/2006	2007-0027275	2/1/2007	7491670	2/17/2009
Procatalyst Composition Including Silyl Ester Internal Donor And Method	Dow Global Technologies LLC*	12/622889		2010-0130709	5/27/2010	8088872	1/3/2012
Propylene-Based Polymer, Articles, And Process For Producing Same	Dow Global Technologies LLC*	13/597536	8/29/2012	2013-0041113	2/14/2013		
Catalyst Composition With Monocarboxylic Acid Ester Internal Donor And Propylene Polymerization Process	Dow Global Technologies LLC*	10/568982	2/21/2006	2007-0066771	3/22/2007	7393806	7/1/2008
Procatalyst Composition With Substituted 1,2-Phenylene Aromatic Diester Internal Donor And Method	Dow Global Technologies LLC*	13/647546		2013-0035227	2/7/2013	8536372	9/17/2013
Propylene Ethylene Random Copolymer Suitable For Pipe	Dow Global Technologies LLC*	61/896981					
Process For Production Of High Melt Flow Propylene-Based Polymer And Product From Same	Dow Global Technologies LLC*	13/993503	6/12/2013	2013-0261273	10/3/2013		
Propylene/Ethylene Copolymer Film For Heat Seal	Dow Global Technologies LLC*	14/122736	11/27/2013				
Propylene-Based Polymer With Reduced High-Molecular Weight Portion	Dow Global Technologies LLC*	61/904654					
Thermoformed Article With High Stiffness And Good Optics	Dow Global Technologies LLC*	12/819489		2010-0301059	12/2/2010	8378045	2/19/2013
High Stiffness High Impact Propylene Impact Copolymers Field Of The Invention	Dow Global Technologies LLC*	12/797717		2011-0306731	12/15/2011	8178623	5/15/2012
High Stiffness High Impact Propylene Impact Copolymers Field Of The Invention	Dow Global Technologies LLC*	13/695107	10/29/2012	2013-0131274	5/23/2013		
Random Propylene Copolymer Compositions, Articles And Process	Dow Global Technologies LLC*	12/650633		2010-0197874	8/5/2010	8106138	1/31/2012

Invention Title	Owner Name	Appl. No.	Filing Date	Publ. No.	Publ. Date	Patent No.	Issue Date
Enhanced Procatalyst Composition And Process	Dow Global Technologies LLC*	12/651032		2010-0173769	7/8/2010		
Self-Limiting Catalyst System With Controlled Aluminum To Sca Ratio And Method	Dow Global Technologies LLC*	13/059490	2/17/2011	2012-0130018	5/24/2012		
Production Of Substituted Phenylene Dibenzoate Internal Electron Donor And Procatalyst With Same	Dow Global Technologies LLC*	13/220910		2013-0053525	2/28/2013		
Production Of Substituted Phenylene Aromatic Diesters	Dow Global Technologies LLC*	12/651142		2010-0174105	7/8/2010	8507717	8/13/2013
Polypropylene Impact Copolymer And Method	Dow Global Technologies LLC*	12/650625		2010-0168342	7/1/2010	7935766	5/3/2011
Production Of Substituted Phenylene Aromatic Diesters	Dow Global Technologies LLC*	14/007188	9/24/2013				
Procatalyst Composition With Substituted 1,2-Phenylene Aromatic Diester Internal Donor And Method	Dow Global Technologies LLC*	14/022425					
Procatalyst Composition With Substituted 1,2-Phenylene Aromatic Diester Internal Donor And Method	Dow Global Technologies LLC*	12/650834		2010-0222530	9/2/2010	8288585	10/16/2012
Production Of Substituted Phenylene Aromatic Diesters And Compositions	Dow Global Technologies LLC*	12/651268	12/31/2009	2010-0204506	8/12/2010	8604235	12/10/2013
Propylene-Based Polymer With Low Ash And Device With Same	Dow Global Technologies LLC*	14/122732	11/27/2013				
Propylene/Butene Interpolymer Production System And Method	Dow Global Technologies LLC*	61/781459					
Process For Producing Ethylene-Butene-Propylene Terpolymer And Butene-Propylene Random Copolymer	Dow Global Technologies LLC*	61/907085					
Low Temperature Impact Copolymer Process	Dow Global Technologies LLC*	61/908/816	11/26/2013				
Procatalyst And Polymerization Process For Propylene Impact Copolymer	Dow Global Technologies LLC*	61/909461	11/27/2013				

Invention Title	Owner Name	Appl. No.	Filing Date	Publ. No.	Publ. Date	Patent No.	Issue Date
Propylene-Based Polymer, Articles, And Process For Producing Same	Dow Global Technologies LLC*	12/650617	12/31/2009	2010-0168353	7/1/2010	8263692	9/11/2012
Supported Catalyst Containing Tethered Cation Forming Activator	Grace/Dow Chemical Company	117470	10/25/1996			6087293	7/11/2000
Process For Improving Bulk Density With Multi-Contact Procatalyst And Product	The Dow Chemical Company*	14/002019	8/28/2013	2013-0338321-A1	12/19/2013		
Procatalyst Composition With Multiple Internal Donor Having Silyl Ester And Method	Union Carbide Chemicals & Plastics Technology LLC*	12/623514		2010-0130710	5/27/2010	8222357	7/17/2012
Novel Electron Donor Containing Compositions	Union Carbide Chemicals & Plastics Technology LLC*	08/988291				5968865	10/19/1999
Method Of Reducing Formation Of Precipitates In Solvent Recovery System	Union Carbide Chemicals & Plastics Technology LLC*	09/613954				6358372	3/19/2002
Olefin Polymerization Catalyst Compositions And Method Of Preparation	Union Carbide Chemicals & Plastics Technology LLC*	10/903309	7/30/2004	2005-0003953	1/6/2005	7601664	10/13/2009
Catalyst Composition And Polymerization Process Using Mixtures Of Selectivity Control Agents	Union Carbide Chemicals & Plastics Technology LLC*	10/514608	11/12/2004	2006-0167194	7/27/2006	7141635	11/28/2006
Mixed Catalyst Compositions For The Production Of Polyolefins	Union Carbide Chemicals & Plastics Technology LLC*	10/508852	9/24/2004	2005-0170950	8/4/2005	7166553	1/23/2007
Catalyst Composition And Polymerization Process Using Mixture Of Silane Electron Donors	Union Carbide Chemicals & Plastics Technology LLC*	10/555548	11/2/2005	2006-0264584	11/23/2006	7521512	4/21/2009
Self Extinguishing Catalyst Composition With Monocarboxylic Acid Ester Internal Donor And Propylene Polymerization Process	Union Carbide Chemicals & Plastics Technology LLC*	10/568981	2/17/2006	2007-0032376	2/8/2007	7420021	9/2/2008

Invention Title	Owner Name	Appl. No.	Filing Date	Publ. No.	Publ. Date	Patent No.	Issue Date
Method Of Making And Using Catalyst Precursor	Union Carbide Chems & Plastics Tech Corp*	09/172543				5962361	10/5/1999
Process For Deactivation Of Polyolefin Compositions Utilizing Carbon Dioxide As A Deactivation Agent	Union Carbide Chems & Plastics Tech Corp*	09/220180				6022946	2/8/2000
Shape-Shifted Magnesium Alkoxide Component For Polymerizing Olefins	Union Carbide Chems & Plastics Tech Corp*	08/447921				5567665	10/22/1996
Shape-Shifted Magnesium Alkoxide Component For Polymerizing Olefins	Union Carbide Chems & Plastics Tech Corp*	08/595777				5604172	2/18/1997
Shape-Shifted Magnesium Alkoxide Component For Polymerizing Olefins	Union Carbide Chems & Plastics Tech Corp*	08/701805				5652314	7/29/1997
A Process For The Production Of Polypropylene	Union Carbide Chems & Plastics Tech Corp*	08/094477				6005049	12/21/1999
Polymer Compositions And Cast Films	Union Carbide Chems & Plastics Tech Corp*	08/864161				5948839	9/7/1999
Polymer Compositions And Cast Films	Union Carbide Chems & Plastics Tech Corp*	08/436825				5674630	10/7/1997
Screen Packs For Reducing Gels In Polypropylene Copolymers	Union Carbide Chems & Plastics Tech Corp*	08/753932				5730885	3/24/1998
Liquid Chromatography Detector And Flow Controller Thereof	W. R. Grace & Co.-Conn/The Curators of the University of Missouri	12517946	9/29/2010			8397553	3/19/2013
Reduction Of Nox Emissions In Full Burn FCC Processes	W. R. Grace & Co.-Conn.	11/665,814**	4/19/2007			7695611	4/13/2010
Beneficiated Water Reducing Compositions	W. R. Grace & Co.-Conn.	10/999,655**	11/30/2004			7048793	5/23/2006
Ink-Receptive Coatings And Recording Medium Prepared Therefrom	W. R. Grace & Co.-Conn.	09/350,060**	7/8/1999			6818685	11/16/2004

Invention Title	Owner Name	Appl. No.	Filing Date	Publ. No.	Publ. Date	Patent No.	Issue Date
Method For Reducing Gasoline Sulfur In Fluid Catalytic Cracking	W. R. Grace & Co.-Conn & Mobil Oil Corporation	09/399,637	9/20/1999			6635169	10/21/2003
Process For Sulfur Removal From Hydrocarbon Liquids	W. R. Grace & Co.-Conn.	09/833,602**	4/13/2001			6558533	5/6/2003
Abrasive Silica Compositions And Dentifrice Compositions Prepared Therefrom	W. R. Grace & Co.-Conn.	09/919,184**	7/31/2001			6585960	7/1/2003
Pumpably Verifiable Fluid Fiber Compositions	W. R. Grace & Co.-Conn.	09/962,830**	9/25/2001			6569233	5/27/2003
Catalyst Support Material Having High Oxygen Storage Capacity And Method Of Preparation Thereof	W. R. Grace & Co.-Conn.	09/804,873**	3/13/2001			6528451	3/4/2003
Fibers For Reinforcing Matrix Materials	W. R. Grace & Co.-Conn.	09/609,148**	6/30/2000			6503625	1/7/2003
Slurries Of Abrasive Inorganic Oxide Particles And Method For Adjusting The Abrasiveness Of The Particles	W. R. Grace & Co.-Conn.	09/703,404**	11/1/2000			6492274	12/10/2002
Hydrothermally Stable High Pore Volume Aluminum Oxide/Swellable Clay Composites And Methods Of Their Preparation And Use	W. R. Grace & Co.-Conn.	09/906,237**	7/16/2001			6451200	9/17/2002
Slurries Of Abrasive Inorganic Oxide Particles And Method For Polishing Copper Containing Surfaces	W. R. Grace & Co.-Conn.	09/551,935**	4/20/2000			6447693	9/10/2002
Abrasive Silica Compositions And Dentifrice Compositions Prepared Therefrom	W. R. Grace & Co.-Conn.	09/919,183**	7/31/2001	7/31/2001		6440397	8/27/2002
Halogenated Supports And Supported Activators	W. R. Grace & Co.-Conn.	09/209,115**	12/10/1998			6432863	8/13/2002
Alumina Trihydrate Derived High Pore Volume, High Surface Area Aluminum Oxide Composites And Methods Of Their Preparation And Use	W. R. Grace & Co.-Conn.	09/482,735**	1/13/2000			6403526	6/11/2002

Invention Title	Owner Name	Appl. No.	Filing Date	Publ. No.	Publ. Date	Patent No.	Issue Date
Polymer Compositions Containing Oxygen Scavenging Compounds	W. R. Grace & Co.-Conn.	08/783,780**	1/15/1997			6391406	5/21/2002
Oxygen Scavenger Compositions	W. R. Grace & Co.-Conn.	09/306,400**	5/6/1999			6387461	5/14/2002
Nox Reduction Compositions For Use In FCC Processes	W. R. Grace & Co.-Conn.	09/641,024**	8/17/2000			6379536	4/30/2002
Reduced Nox Combustion Promoter For Use In FCC Processes	W. R. Grace & Co.-Conn.	09/662,598**	9/14/2000			6358881	3/19/2002
Basic-Medium-Soluble Packaging Material For Use In Castable Cementitious Composites	W. R. Grace & Co.-Conn.	09/559,624**	4/24/2000			6348093	2/19/2002
Abrasive Silica Compositions And Dentifrice Compositions Prepared Therefrom	W. R. Grace & Co.-Conn.	09/056,688**	4/8/1998			6294155	9/25/2001
Thermoplastic Adsorbent Compositions Containing Wax And Insulating Glass Units Containing Such Compositions	W. R. Grace & Co.-Conn.	08889656**	7/8/1997			6180708	1/30/2001
Non-Reclosable Packages Containing Desiccant Matrix	W. R. Grace & Co.-Conn.	08/673,401**	6/28/1996			6112888	9/5/2000
Oxygen Scavenging Compositions And Methods For Making Same	W. R. Grace & Co.-Conn.	09/044,277**	3/19/1998			6007885	12/28/1999
Rotary Union	W. R. Grace & Co.-Conn.	08/930,549**	12/24/1997			5947337	9/7/1999
Mobile Admixture Product Manufacturing And Delivery Process And System	W. R. Grace & Co.-Conn.	08/918,271**	8/25/1997			5895116	4/20/1999
Multi-Component Polyolefin Catalysts	W. R. Grace & Co.-Conn.	08/370,045**	1/9/1995			5714424	2/3/1998
Composition And Method For Inhibiting Drying Shrinkage Of Concrete	W. R. Grace & Co.-Conn.	08/518,628**	8/23/1995			5626663	5/6/1997

Invention Title	Owner Name	Appl. No.	Filing Date	Publ. No.	Publ. Date	Patent No.	Issue Date
Nitrite-Based Corrosion Inhibitors With Improved Anodic And Cathodic Inhibiting Performance	W. R. Grace & Co.-Conn.	08504089**	7/19/1995			5634966	6/3/1997
Catalytic Cracking Utilizing A Catalyst Comprising Zeolite GZS-11	W. R. Grace & Co.-Conn.	08470156**	6/6/1995			5582713	12/10/1996
Drying Shrinkage Cement Admixture	W. R. Grace & Co.-Conn.	08/529,389	9/18/1995			5556460	9/17/1996
Corrosion Inhibiting Formulations With Calcium Nitrite	W. R. Grace & Co.-Conn.	08/378,163**	1/25/1995			5527388	6/18/1996
Solids Injection Process For Adding Predetermined Amounts Of Solids	W. R. Grace & Co.-Conn.	12469412**	5/20/2009	20100294 794			
Matting Agent	W. R. Grace & Co.-Conn.	12312696	11/18/2009	20100071 593			
Physical Refining Process Using Adsorbent Particles For The Production Of Biodiesel Fuel	W. R. Grace & Co.-Conn.	12224528**	4/27/2009	20090300 972			
Flexible Adsorbent Bodies	W. R. Grace & Co.-Conn.	11794590	6/29/2007	20080202 336			
Adsorbing Material Comprised Of Porous Functional Solid Incorporated In A Polymer Matrix	W. R. Grace & Co.-Conn.	10500349	11/18/2005	20060105 158			
Precipitated Silica Particles For Cat Litter	W. R. Grace & Co.-Conn.	10433924**	2/5/2004	20040146 444		7037475	5/2/2006
Robust Air-Detraining For Cement Milling	W. R. Grace & Co.-Conn.	13/389624	2/9/2012	2012- 0137932- A1	6/7/2012	8460457	6/11/2013
Reduction Of Gas Phase Nitrogen Species In Partial Burn FCC Processes	W. R. Grace & Co.-Conn.	12/387662	5/6/2009	2009- 0223860- A1	9/10/2009	7909986	3/22/2011
Self-Adhered Air Barrier Membrane	W. R. Grace & Co.-Conn.	13/170745	6/28/2011	2011- 0274865- A1	11/10/201 1	8277915	10/2/2012
Catalyst Compositions Comprising Metal Phosphate Bound Zeolite And Methods Of Using Same To Catalytically Crack Hydrocarbons	W. R. Grace & Co.-Conn.	12/502865	7/14/2009	2010- 0010279- A1	1/14/2010		
Waterproofing Membrane	W. R. Grace & Co.-Conn.	13/434157	3/29/2012				

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Waterproofing Membrane	W. R. Grace & Co.-Conn.	12/549810	8/28/2009	2011-0052852-A1	3/3/2011	8298662	10/30/2012
Waterproofing Membrane	W. R. Grace & Co.-Conn.	12/549780	8/28/2009	2010-0196648-A1	8/5/2010	8298661	10/30/2012
Method For Post-Installation In-Situ Barrier Creation	W. R. Grace & Co.-Conn.	12/499564	7/8/2009	2009-0274518-A1	11/5/2009	7900418	3/8/2011
Clay-Bearing Manufactured Sands For Hydratable Cementitious Compositions	W. R. Grace & Co.-Conn.	13/879986	6/28/2013	2013-0263761-A1	10/10/2013		
Copolymers For Treating Construction Aggregates	W. R. Grace & Co.-Conn.	13/027590	2/15/2011	2012-0208945-A1	8/16/2012	8461245	6/11/2013
Integrally Waterproofed Concrete	W. R. Grace & Co.-Conn.	12/912125	10/26/2010	2011-0036273-A1	2/17/2011	8603241	12/10/2013
High Yield Spray Application	W. R. Grace & Co.-Conn.	12/907102	10/19/2010	2011-0033628-A1	2/10/2011	8616153	12/31/2013
System And Process For Injecting Catalyst And/Or Additives Into A Fluidized Catalytic Cracking Unit	W. R. Grace & Co.-Conn.	12/948167	11/17/2010	2011-0056979-A1	3/10/2011		
Carboxylated-Carboxylic Polyglycerol Compositions For Use In Cementitious Compositions	W. R. Grace & Co.-Conn.	13/102165	5/6/2011	2012-0279426-A1	11/8/2012		
Phosphate-Containing Polycarboxylate Polymer Dispersants	W. R. Grace & Co.-Conn.	12/822284	6/24/2010			8058377	11/15/2011
High Curing Inducing Surface Applied Setting Retarder	W. R. Grace & Co.-Conn.	13/522650	9/14/2012	2013-0005860-A1	1/3/2013		
Waterproofing Membrane	W. R. Grace & Co.-Conn.	13/124977	4/19/2011	2011-0217528-A1	9/8/2011	8609213	12/17/2013
Suppression Of Antagonistic Hydration Reactions In Blended Cements	W. R. Grace & Co.-Conn.	13/119306	8/17/2011	2012-0298011-A1	11/29/2012	8518176	8/27/2013
Process For Making Improved Catalysts From Clay-Derived Zeolites	W. R. Grace & Co.-Conn.	13/578560	8/10/2012	2012-0329639-A1	12/27/2012		
Process For Making Improved Zeolite Catalysts From Peptized Aluminas	W. R. Grace & Co.-Conn.	13/578511	8/10/2012	2013-0005565-A1	1/3/2013		

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Process Of Making Modified Metallocene Catalyst, Catalyst Produced And Use Thereof	W. R. Grace & Co.-Conn.	13/979541	7/12/2013	2013-0289227-A1	10/31/2013		
Sodium Tolerant Zeolite Catalysts And Processes For Making The Same	W. R. Grace & Co.-Conn.	13/988854	5/22/2013	2013-0313164-A1	11/28/2013		
Supported Catalyst Systems	W. R. Grace & Co.-Conn.	11/983880	11/13/2007	2008-0138869-A1	6/12/2008	7780946	8/24/2010
Process Of Cracking Biofeeds Using High Zeolite To Matrix Surface Area Catalysts	W. R. Grace & Co.-Conn.	13/128139	5/6/2011	2011-0224471-A1	9/15/2011		
Low Temperature Vapor Permeable Barrier Coating	W. R. Grace & Co.-Conn.	13/512500	5/29/2012	2012-0231170-A1	9/13/2012		
Method For Monitoring Thixotropy In Concrete Mixing Drum	W. R. Grace & Co.-Conn.	12/933947	9/22/2010	2011-0029134-A1	2/3/2011		
Skid Resistant Surfaces	W. R. Grace & Co.-Conn.	12/026743	2/6/2008	2009-0193743-A1	8/6/2009	7634877	12/22/2009
Compositions For Forming Films Having A Desired Degree Of Obscuration And Methods Of Making And Using The Same	W. R. Grace & Co.-Conn.	13/519763	6/28/2012	2012-0288546-A1	11/15/2012		
Defoamers For Hydratable Cementitious Compositions	W. R. Grace & Co.-Conn.	12/786881	5/25/2010	2011-0290158-A1	12/1/2011	8187376	5/29/2012
BADGE And BPA-Free Can Coating	W. R. Grace & Co.-Conn.	12/116478	5/7/2008	2008-0299343-A1	12/4/2008	7682674	3/23/2010
Slump Retention In Cementitious Compositions	W. R. Grace & Co.-Conn.	12/089944	4/11/2008	2008-0295741-A1	12/4/2008	8070875	12/6/2011
Automated Yield Monitoring And Control	W. R. Grace & Co.-Conn.	11/810506	6/5/2007	2008-0305554-A1	12/11/2008	8206123	6/26/2012
Method For Controlling Nox Emissions In The FCCU	W. R. Grace & Co.-Conn.	11/886114	9/11/2007	2008-0213150-A1	9/4/2008	7780935	8/24/2010
Method For Making Colloidal Silica Particles	W. R. Grace & Co.-Conn.	12/810974	6/28/2010	2010-0284884-A1	11/11/2010		
High Yield Spray Application	W. R. Grace & Co.-Conn.	11/335426	1/19/2006	2006-0177590A1	8/10/2006	7842348	11/30/2010
Sulfur Tolerant Alumina Catalyst Support	W. R. Grace & Co.-Conn.	12/311574	4/3/2009	2010-0120612-A1	5/13/2010	8158257	4/17/2012

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Anticorrosion Material	W. R. Grace & Co.-Conn.	12/743719	5/19/2010	2010-0314585-A1	12/16/2010		
Cement Additive For Stucco Applications	W. R. Grace & Co.-Conn.	12/599208	11/6/2009	2010-0249280-A1	9/30/2010	8097666	1/17/2012
Cation Compatible Metal Oxides And Oral Care Compositions Containing The Metal Oxides	W. R. Grace & Co.-Conn.	13/378390	12/15/2011	2012-0087960-A1	4/12/2012		
Catalyst On Silica Clad Alumina Support	W. R. Grace & Co.-Conn.	13/143003	6/30/2011	2012-0071614-A1	3/22/2012		
Sulfur Tolerant Alumina Catalyst Support	W. R. Grace & Co.-Conn.	13/498609	3/28/2012	2012-0190541-A1	7/26/2012		
Double-Action Fluid Weighing And Dispensing Process And System	W. R. Grace & Co.-Conn.	11/782767	7/25/2007	2009-0026220-A1	1/29/2009	7963422	6/21/2011
Process For Making Bi-Tapered Reinforcing Fibers	W. R. Grace & Co.-Conn.	12/251095	10/14/2008	2009-0032991-A1	2/5/2009	7749352	7/6/2010
Cementitious Foams And Foam Slurries	W. R. Grace & Co.-Conn.	12/478872	6/5/2009	2010-0310846-A1	12/9/2010	8277556	10/2/2012
Compositions And Processes For Reducing Nox Emissions During Fluid Catalytic Cracking	W. R. Grace & Co.-Conn.	12/291379	11/7/2008	2009-0068079-A1	3/12/2009	7641787	1/5/2010
High Light Olefins Fcc Catalyst Compositions	W. R. Grace & Co.-Conn.	13/578384	8/10/2012	2013-0001134-A1	1/3/2013		
Ester-Based Concrete Surface Retarders	W. R. Grace & Co.-Conn.	13/058410	2/10/2011	2011-0135829-A1	6/9/2011		
Can Cap Sealing Compound And Use Thereof	W. R. Grace & Co.-Conn.	12/601138	11/20/2009	2010-0163156-A1	7/1/2010	8211254	7/3/2012
Olefin Polymerization Process With Reduced Fouling	W. R. Grace & Co.-Conn.	13/265057	10/18/2011	2012-0046426-A1	2/23/2012		
Process Of Making Aluminoxane And Catalysts Containing Thus Prepared Aluminoxane	W. R. Grace & Co.-Conn.	13/320144	11/11/2011	2012-0071679-A1	3/22/2012	8309749	11/13/2012
Composite Inorganic Particles And Methods Of Making And Using The Same	W. R. Grace & Co.-Conn.	13/519748	6/28/2012	2012-0285349-A1	11/15/2012		

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High Ph Process Resistant Coating For Metal Food Containers	W. R. Grace & Co.-Conn.	13/271482	10/12/2011	2012/0046389-A1	2/23/2012	8288486	10/16/2012
Process For Making 1, 2-Propane Diol From Hydrogenation Of Glycerol	W. R. Grace & Co.-Conn.	13/203264	8/25/2011	2011-0313211-A1	12/22/2011		
Attrition Resistant Supports For Fischer-Tropsch Catalyst And Process For Making Same	W. R. Grace & Co.-Conn.	13/816054	2/8/2013	2013-0143736-A1	6/6/2013		
Waterproofing Membrane	W. R. Grace & Co.-Conn.	13/577460	8/7/2012	2013-0008124-A1	1/10/2013	8453405	6/4/2013
Waterproofing Membrane	W. R. Grace & Co.-Conn.	13/891379	5/10/2013	2013-0247506-A1	9/26/2013		
Catalyst For Light Olefins And LPG In Fluidized Catalytic Cracking Units	W. R. Grace & Co.-Conn.	11/667149	5/4/2007	2008-0093263-A1	4/24/2008		
Compositions And Processes For Reducing Nox Emissions During Fluid Catalytic Cracking	W. R. Grace & Co.-Conn.	10/824913	4/15/2004	2005-0230285-A1	10/20/2005	7304011	12/4/2007
Nox Reduction Compositions For Use In FCC Processes	W. R. Grace & Co.-Conn.	837846	5/3/2004	2005-0042158-A1	2/24/2005	7030055	4/18/2006
Novel Two-Phase Compositions	W. R. Grace & Co.-Conn.	10/832612	4/27/2004	2004-0266944-A1	12/30/2004	7381768	6/3/2008
Sulfur Tolerant Alumina Catalyst Support	W. R. Grace & Co.-Conn.	12/311575	4/3/2009	2010-0267552-A1	10/21/2010	8076263	12/13/2011
Integrally Waterproofed Concrete	W. R. Grace & Co.-Conn.	11/576382	6/11/2007	2007-0256605-A1	11/8/2007	7846251	12/7/2010
Formulation Suitable For Ink Receptive Coatings	W. R. Grace & Co.-Conn.	10/887376	7/7/2004	2004-0241425-A1	12/2/2004	7393571	7/1/2008
Abrasive Particles For Chemical Mechanical Polishing	W. R. Grace & Co.-Conn.	10/564842	7/9/2004	2006-0175295-A1	8/10/2006		
Micro-Granulose Particulates	W. R. Grace & Co.-Conn.	09/947955	9/6/2001	2003-0089281-A1	5/15/2003	6648962	11/18/2003
In Situ Molded Thermal Barriers	W. R. Grace & Co.-Conn.	09/999307	10/31/2001	2003-0079425-A1	5/1/2003	6698146	3/2/2004
Sheet-Like Masonry Block Drainage System	W. R. Grace & Co.-Conn.	869821	1/3/2000			6564520	5/20/2003

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Improved Rheologically-Dynamic, Liquid-Applicable Elastomeric Compositions	W. R. Grace & Co.-Conn.	547823	4/11/2000			6403686	6/11/2002
A Tunnel Waterproofing Construction Method	W. R. Grace & Co.-Conn.	297370	6/5/2001	2003-0133756-A1	7/17/2003	6767164	7/27/2004
Method Of Controlling Ready Mixed Concrete Sludge Water	W. R. Grace & Co.-Conn.	10/312906	7/5/2001	2004-0128032-A1	7/1/2004	7114842	10/3/2006
Admixture And Method For Optimizing Addition Of EO/PO Superplasticizer To Concrete Containing Smectite Clay-Containing Aggregates	W. R. Grace & Co.-Conn.	09/993726	11/6/2001	2002-0121229-A1	9/5/2002	6670415	12/30/2003
High Solids Pumpable Cement Additives	W. R. Grace & Co.-Conn.	10/354809	1/30/2003			6800129	10/5/2004
Highly Dispersible Reinforcing Polymeric Fibers	W. R. Grace & Co.-Conn.	10/099434	3/15/2002	2002-0182408-A1	12/5/2002	6569526	5/27/2003
Avoiding Cracking And Curling In Concrete Flooring Upon Which Water-Based Adhesives Are Employed	W. R. Grace & Co.-Conn.	219107	8/15/2002	2004-0031223-A1	2/19/2004	6898917	5/31/2005
In Situ Molded Thermal Barriers	W. R. Grace & Co.-Conn.	151333	5/20/2002	2003-0089062-A1	5/15/2003	6783345	8/31/2004
Novel Two-Phase Compositions	W. R. Grace & Co.-Conn.	10/234654	9/3/2002	2003-0083423-A1	5/1/2003	6867254	3/15/2005
Moisture Barrier Membrane With Tearable Release Liner Composite	W. R. Grace & Co.-Conn.	10/543353	1/16/2004	2006-0141191-A1	6/29/2006	7550187	6/23/2009
Cementitious Compositions Having Highly Dispersible Polymeric Reinforcing Fibers	W. R. Grace & Co.-Conn.	10/316304	12/11/2002	2003-0082378-A1	5/1/2003	6758897	7/6/2004
Rheomixer Device	W. R. Grace & Co.-Conn.	10/741747	12/19/2003	2005-0132782-A1	6/23/2005	6997045	2/14/2006
Controlled Dispersion Of Colloidal Suspensions By Comb Polymers	W. R. Grace & Co.-Conn.	10/336636	1/3/2003			7053125	5/30/2006
In Situ Molded Thermal Barriers	W. R. Grace & Co.-Conn.	10/413981	4/15/2003	2003-0213211-A1	11/20/2003	7043880	5/16/2006

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Skid Resistant Moisture Barriers And Process For Making Same	W. R. Grace & Co.-Conn.	10/426319	4/30/2003		11/20/2003	7459180	12/2/2008
Amine-Based, Hexavalent Chromium Reducing Agents For Cement	W. R. Grace & Co.-Conn.	680030	10/7/2003	2005-0072339-A1	4/7/2005	6872247	3/29/2005
Concrete Surface Retarders	W. R. Grace & Co.-Conn.	10/689925	10/20/2003	2005-0081751-A1	4/21/2005	7037367	5/2/2006
Liquid Additive For Intergrinding Cement	W. R. Grace & Co.-Conn.	11/048600	2/1/2005	2005-0166801-A1	8/4/2005	7087110	8/8/2006
Rheological And Calorimetric Testing Method	W. R. Grace & Co.-Conn.	54014	2/9/2005	2005-0138991-A1	6/30/2005	7021123	4/4/2006
System And Process For Injecting Catalyst And/Or Additives Into A Fluidized Catalytic Cracking Unit	W. R. Grace & Co.-Conn.	10/593499	3/23/2005	2007-0189935-A1	8/16/2007	8012422	9/6/2011
Aluminum Sulfate Bound Catalysts	W. R. Grace & Co.-Conn.	12/308726	12/22/2008	2010-0264066-A1	10/21/2010		
Processes And Systems For Transferring Particulate Substances Form Containers	W. R. Grace & Co.-Conn.	11/407793	4/19/2006	2007-0267090-A1	11/22/2007	8016000	9/13/2011
Gluconate Broth For Cement And Concrete Admixture	W. R. Grace & Co.-Conn.	10/580949	5/30/2006	2007/0107638-A1	5/17/2007	7462236	12/9/2008
Sulfate Dispersion Chromate Reducer	W. R. Grace & Co.-Conn.	10/890476	7/13/2004	2005-0109243-A1	5/26/2005	7128782	10/31/2006
Flexible Flashing For Multiplanar Building Surfaces	W. R. Grace & Co.-Conn.	11/248991	10/11/2005	2006-0081322-A1	4/20/2006	7201820	4/10/2007
Three-Dimensional Reverse Tanking Membranes	W. R. Grace & Co.-Conn.	10/921737	8/19/2004	2005-0196590-A1	9/8/2005	7968171	6/28/2011
Three-Dimensional Reverse Tanking Membranes	W. R. Grace & Co.-Conn.	13/098951	5/2/2011	2011-0214797-A1	9/8/2011	8475909	7/2/2013
Pentasil Catalyst For Light Olefins In Fluidized Catalytic Cracking Units	W. R. Grace & Co.-Conn.	11/922438	12/18/2007	2009-0134065-A1	5/28/2009		
Reduction Of Gas Phase Reduced Nitrogen Species In Partial Burn FCC Processes	W. R. Grace & Co.-Conn.	11/238745	9/29/2005	2006-0021910-A1	2/2/2006	7906015	3/15/2011
Fibers For Reinforcing Matrix Materials	W. R. Grace & Co.-Conn.	923222	8/6/2001	2001-0051266-A1	12/13/2001	6596210	7/22/2003

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Primer/Membrane Barrier System	W. R. Grace & Co.-Conn.	09/881400	6/14/2001	2003-0003314-A1	1/2/2003	6689460	2/10/2004
Tunnel Waterproofing Method	W. R. Grace & Co.-Conn.	297360	6/5/2001	2003-0129029-A1	7/10/2003	6793441	9/21/2004
Anticorrosion Separator For Wood Deck Fasteners	W. R. Grace & Co.-Conn.	10/736305	12/15/2003	2005-0126109-A1	6/16/2005	7257930	8/21/2007
Method And Compositions For Improved Initiation Of Oxygen Scavenging	W. R. Grace & Co.-Conn.	798005	2/12/1997			5811027	9/22/1998
Methods And Compositions For Improved Oxygen Scavenging	W. R. Grace & Co.-Conn.	360320	7/23/1999			6143197	11/7/2000
Device For In-Situ Barrier	W. R. Grace & Co.-Conn.	11/468544	8/30/2006	2007-0199265-A1	8/30/2007	7565779	7/28/2009
Device For In-Situ Barrier	W. R. Grace & Co.-Conn.	12/477265	6/3/2009	2009-0282762-A1	11/19/2009	8291668	10/23/2012
Liquid Additive For Intergrinding Cement	W. R. Grace & Co.-Conn.	11/388435	3/24/2006	2006-0169177-A1	8/3/2006	7232483	6/19/2007
Method For Retarding The Setting Of Mortar And Concrete Surfaces	W. R. Grace & Co.-Conn.	12/307502	2/10/2009	2009-0297702-A1	12/3/2009	8097296	1/17/2012
Coordinated Metal Compounds For Reducing Chromium	W. R. Grace & Co.-Conn.	12/376919	4/3/2009	2010-0162925-A1	7/1/2010	7927418	4/19/2011
Gasoline Sulfur Reduction Catalysts For Fluid Catalytic Cracking Process	W. R. Grace & Co.-Conn.	12/527232	8/14/2009	2010-0133145-A1	6/3/2010		
Skid Resistant Surfaces	W. R. Grace & Co.-Conn.	12/063180	3/25/2008	2008-0289289-A1	11/27/2008	8079184	12/20/2011
Solid Compositions For Selective Adsorption From Complex Mixtures	W. R. Grace & Co.-Conn.	11/228100	9/16/2005	2006-0011549-A1	1/19/2006	7166213	1/23/2007
Alumina Particles And Methods Of Making The Same	W. R. Grace & Co.-Conn.	12/086606	6/12/2008	2009-0148692-A1	6/11/2009		
Bi-Tapered Reinforcing Fibers	W. R. Grace & Co.-Conn.	11/346647	2/3/2006	2007-0184265-A1	8/9/2007	7462392	12/9/2008
Avoiding Cracking And Curling In Concrete Flooring Upon Which Water-Based Adhesives Are Employed	W. R. Grace & Co.-Conn.	11/094856	3/31/2005	2005-0183387-A1	8/25/2005	7219479 B2	5/22/2007

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Biomass-Derived Grinding Aids	W. R. Grace & Co.-Conn.	11/434018	5/15/2006	US-2006-0272554-A1	12/7/2006	7922811	4/12/2011
Supported Catalyst Systems	W. R. Grace & Co.-Conn.	11/132970	5/19/2005	2006-0000758-A1	1/5/2006	7314845	1/1/2008
Catalytic Cracking Catalyst Compositions For Improved Bottoms Conversion	W. R. Grace & Co.-Conn.	12/517974	6/5/2009	2011-0036754-A1	2/17/2011		
Process For The Selective Production Of Propanols By Hydrogenation Of Glycerol	W. R. Grace & Co.-Conn.	61/790690	3/15/2013				
Active Heterogeneous Bi- Or Tri- Dentate Catalyst	W. R. Grace & Co.-Conn.	10/633509	8/5/2003	2004-0029719-A1	2/12/2004	7291575	11/6/2007
Non-Ionic Foam Composition For Treating Asbestos-Containing Materials And Methods Of Using Same	W. R. Grace & Co.-Conn.	09/740951	12/21/2000	2002-0115900-A1	8/22/2002	6589156	7/8/2003
Colloidal Silica/Zironyl Salt Compositions As Hydrophilizing Coatings	W. R. Grace & Co.-Conn.	08/711335	9/6/1996			5723181	3/3/1998
Metallocene And Constrained Geometry Catalyst Systems Employing Agglomerated Metal Oxide/Clay Support-Activator And Method Of Their Preparation	W. R. Grace & Co.-Conn.	09/432008	11/1/1999			6559090	5/6/2003
Formulation Suitable For Ink Receptive Coatings	W. R. Grace & Co.-Conn.	10/305041	11/26/2002	2003-0181566-A1	9/25/2003	6780920	8/24/2004
Method Of Making Supported Transition Metal Polymerization Catalysts And Compositions Formed Therefrom	W. R. Grace & Co.-Conn.	10/120291	4/10/2002	2003-0203808 A1	10/30/2003	6927261	8/9/2005
Heterogeneous Chromium Catalysts And Processes Of Polymerization Of Olefins Using Same	W. R. Grace & Co.-Conn.	10/120289	4/10/2002	2003-0162917-A1	8/28/2003	6734131	5/11/2004
Promoted Porous Catalyst	W. R. Grace & Co.-Conn.	09/899902	7/6/2001	2002-0106527-A1	8/8/2002	6429337	8/6/2002

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Catalyst Coponent Comprising Magnesium, Titanium, A Halogen And An Electron Donor, Its Preparation And Use	W. R. Grace & Co.-Conn.	09/762482	8/9/1999			6703455	3/9/2004
Gasoline Sulfur Reduction Catalyst For Fluid Catalytic Cracking Process	W. R. Grace & Co.-Conn.	09/833601	4/13/2001	2002- 0179492- A1	12/5/2002	6635168	10/21/2003
Composition Containing Magnesium, Titanium, Halogen And An Inner Electron Donor, Its Preparation And Use For The Polymerization Of Alpha-Olefins	W. R. Grace & Co.-Conn.	09/155437	3/26/1997			6207607	3/27/2001
In Situ Molded Thermal Barriers	W. R. Grace & Co.-Conn.	10/655194	9/4/2003	2004- 0045234- A1	3/11/2004	7152385	12/26/2006
Calcium Hydroxide Absorbent With Rheology Modifier And Process Involving Same	W. R. Grace & Co.-Conn.	10/237772	9/9/2002	2004- 0048742- A1	3/11/2004	6867165	3/15/2005
Vapor Permeable Liquid-Applied Membrane	W. R. Grace & Co.-Conn.	11/314325	12/21/2005	2006- 0155031- A1	7/13/2006	8524822	9/3/2013
Amine-Containing Cement Processing Additives	W. R. Grace & Co.-Conn.	10/530437	10/2/2003	2006- 0086291- A1	4/27/2006	7160384	1/9/2007
High Early Strength Cement And Additives And Methods For Making Same	W. R. Grace & Co.-Conn.	09/979773	5/26/2000			6641661	11/4/2003
Non-Ionic Foam Composition For Treating Asbestos- Containing Materials And Methods Of Using Same	W. R. Grace & Co.-Conn.	10/421510	4/23/2003	2004- 0018302- A1	1/29/2004	6921553	7/26/2005
System And Process For Injecting Catalyst And/Or Additives Into A Fluidized Catalytic Cracking Unit	W. R. Grace & Co.-Conn.	10/806563	3/23/2004	2005- 0214177- A1	9/29/2005	7846399	12/7/2010
Silica Adsorbent On Magnetic Substrate	W. R. Grace & Co.-Conn.	10/615998	7/9/2003	2004- 0043216- A1	3/4/2004	6924033	8/2/2005
Coordination Catalyst Systems Employing Chromium Support- Agglomerate And Method Of Their Preparation	W. R. Grace & Co.-Conn.	10/120314	4/10/2002	2003- 0130111- A1	7/10/2003	6946420	9/20/2005

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Gasoline Sulfur Reduction Catalyst For Fluid Catalytic Cracking Process	W. R. Grace & Co.-Conn.	10/801424	3/16/2004	2005-0205464-A1	9/22/2005	8084383	12/27/2011
High Zeolite Content And Attrition Resistant Catalysts, Methods For Preparing The Same And Catalyzed Processes Therewith	W. R. Grace & Co.-Conn.	10/151560	5/20/2002	2003-0047487-A1	3/13/2003	6916757	7/12/2005
Promoted Porous Catalyst	W. R. Grace & Co.-Conn.	09/899900	7/6/2001	2002-0006862-A1	1/17/2002	6395403	5/28/2002
Coating Composition Comprising Colloidal Silica And Glossy Ink Jet Recording Sheets Prepared Therefrom	W. R. Grace & Co.-Conn.	10/391270	3/18/2003	2003-01987	10/23/2003	6896942	5/24/2005
Silica Adsorbent On Superparamagnetic Substrate	W. R. Grace & Co.-Conn.	10/234741	9/4/2002	2003-0031783-A1	2/13/2003	6607667	8/19/2003
Nox Reduction Compositions For Use In FCC Processes	W. R. Grace & Co.-Conn.	10/277026	10/21/2002	2004-0077492-A1	4/22/2004	7307038	12/11/2007
High Pore Volume Polyolefin Catalyst	W. R. Grace & Co.-Conn.	10/285035	10/31/2002	2003-0065112-A1	4/3/2003	6670302	12/30/2003
Chemically Assisted Milling Of Silicas	W. R. Grace & Co.-Conn.	11/632610	1/16/2007	2011-0094418-A1	4/28/2011		
Nox Reduction Compositions For Use In FCC Processes	W. R. Grace & Co.-Conn.	10/274811	10/21/2002			6660683	12/9/2003
Supported Catalyst Systems	W. R. Grace & Co.-Conn.	357115	2/3/2003	2003-0143156-A1	7/31/2003	6987079	1/17/2006
Process For Preparing Supported Transition Metal Catalyst Systems And Catalyst Systems Prepared Thereby	W. R. Grace & Co.-Conn.	10/120331	4/10/2002	0224927-A1	12/4/2003	6943224	9/13/2005
Defoamer For Water Reducer Admixture	W. R. Grace & Co.-Conn.	10/475062	4/26/2002	2004-0149175-A1	8/5/2004	6858661	2/22/2005
Nox Reduction Compositions For Use In Partial Burn FCC Processes	W. R. Grace & Co.-Conn.	11/918085	10/5/2007	2009-0050527-A1	2/26/2009	7976697	7/12/2011
Gasoline Sulfur Reduction Catalytic For Fluid Catalytic Cracking Process	W. R. Grace & Co.-Conn.	11/884975	8/23/2007	2008-0156698-A1	7/3/2008	7902106	3/8/2011

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Compositions And Processes For Reducing Nox Emissions During Fluid Catalytic Cracking	W. R. Grace & Co.-Conn.	11/918086	10/8/2007	2009-0057199-A1	3/5/2009	7918991	4/5/2011
Slump Retaining Admixture For Modifying Clay Activity In Concrete	W. R. Grace & Co.-Conn.	12/997723	12/13/2010	2011-0088599-A1	4/21/2011		
Concrete Admixture Composition	W. R. Grace & Co.-Conn.	12/988845	10/21/2010	2011-0046270-A1	2/24/2011	8168701	5/1/2012
Erucamide-Free Closure And Liner Compositions	W. R. Grace & Co.-Conn.	10/379746	3/5/2003	2004-0176538-A1	9/9/2004	6806313	10/19/2004
Erucamide-Free Closure And Liner Compositions	W. R. Grace & Co.-Conn.	10/547443	2/26/2004	2006-0100372-A1	5/11/2006	7863380	1/4/2011
Particle Coated Bonding Systems For Hydratable Cementitious Composition Casting And Methods For Making Same	W. R. Grace & Co.-Conn.	09/638331	8/14/2000			6500520	12/31/2002
Fiber-Reinforced Matrix Compositions	W. R. Grace & Co.-Conn.	10/382183	3/5/2003	2003-0157320-A1	8/21/2003	6863969	3/8/2005
Cationic Polymers For Treating Construction Aggregates	W. R. Grace & Co.-Conn.	13/076944	3/31/2011	US-2012-0252953-A1	10/4/2012		
Catalytic Process For Purification Of Fatty Acid Alkyl Esters Used In Fuels	W. R. Grace & Co.-Conn.	14/127583	12/19/2013				
Container Sealant Composition	W. R. Grace & Co.-Conn.	61/739831	12/20/2012				
Waterproofing Membrane	W. R. Grace & Co.-Conn.	13/642292	1/15/2013	2013-0104495-A1	5/2/2013		
Waterproofing Membrane	W. R. Grace & Co.-Conn.	13/642281	10/19/2012	2013-0040104-A1	2/14/2013		
Waterproofing Membrane	W. R. Grace & Co.-Conn.	13/642265	10/19/2012	2013-0037989-A1	2/14/2013		
High Matrix Surface Area Catalytic Cracking Catalyst Stabilized With Magnesium And Silica	W. R. Grace & Co.-Conn.	13/948687	7/23/2013				
Adhesives For Construction Materials Such As Tile	W. R. Grace & Co.-Conn.	13/881283	7/16/2013	2013-0284364-A1	10/31/2013		
Dilution-Stable Cement Grinding Additive Composition	W. R. Grace & Co.-Conn.	13/825908	3/25/2013	2013-0180434-A1	7/18/2013		

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System And Process For Injecting Catalyst And/Or Additives Into A Fluidized Catalytic Cracking Unit	W. R. Grace & Co.-Conn.	13/049440	3/16/2011	2011-0203970-A1	8/25/2011		
Compositions For Forming Films Having A Desired Degree Of Obscuration And Methods Of Making And Using The Same	W. R. Grace & Co.-Conn.	13/519736	6/28/2012	2012-0288545-A1	11/15/2012		
Gasoline Sulfur Reduction Catalytic For Fluid Catalytic Cracking Process	W. R. Grace & Co.-Conn.	13/019062	2/1/2011	2011-0120911-A1	5/26/2011	8221615	7/17/2012
Processes And Systems For Transferring Particulate Substances From Containers	W. R. Grace & Co.-Conn.	13/192057	7/27/2011	2011-0278330-A1	11/17/2011	8307861	11/13/2012
Processes And Systems For Transferring Particulate Substances From Containers	W. R. Grace & Co.-Conn.	13/192045	7/27/2011	2011-0277876-A1	11/17/2011	8307859	11/13/2012
System And Process For Injecting Catalyst And/Or Additives Into A Fluidized Catalytic Cracking Unit	W. R. Grace & Co.-Conn.	13/193012	7/28/2011	2011-0284588-A1	11/24/2011		
System And Process For Injecting Catalyst And/Or Additives Into A Fluidized Catalytic Cracking Unit	W. R. Grace & Co.-Conn.	13/193052	7/28/2011	2011-0280769-A1	11/17/2011		
Catalyst On Silica Clad Alumina Support	W. R. Grace & Co.-Conn.	13/143003	6/30/2011	2012-0071614-A1	3/22/2012		
Methods And Compositions For Improved Oxygen Scavenging	W. R. Grace & Co.-Conn.	08/941266	10/1/1997			5981676	11/9/1999
Anti-Snaking Swellable Water Stops	W. R. Grace & Co.-Conn.	14/099932	12/7/2013				
Targeted Air Control For Carbon Containing Fly Ash	W. R. Grace & Co.-Conn.	61/919916	12/23/2013				
Abrasive Particles For Chemical Mechanical Polishing	W. R. Grace & Co.-Conn.	13/335419	12/22/2011	2013-0000214-A1	1/3/2013		

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Compositions Containing A Biologically Active Material And A Non-Ordered Inorganic Oxide Material And Methods Of Making And Using The Same	W. R. Grace & Co.-Conn.	61/726193	11/14/2012				
Silica Sol Bound Catalytic Cracking Catalyst Stabilized With Magnesium	W. R. Grace & Co.-Conn.	13/948641	7/23/2013				
Cementitious Foam Compositions	W. R. Grace & Co.-Conn.	13/594105	8/24/2012	2012-0322902-A1	12/20/2012		
Ferrierte Composition For Reducing Nox Emissions During Fluid Catalytic Cracking	W. R. Grace & Co.-Conn.	12/833336	7/9/2010	2010-0276337-A1	11/4/2010		
Abrasive Particles For Chemical Mechanical Polishing	W. R. Grace & Co.-Conn.	14/067605	10/30/2013				
Porous Silica Gel As A Carrier For Liquid Technologies	W. R. Grace & Co.-Conn.	61/759723	2/1/2013				
Automated Yield Monitoring And Control	W. R. Grace & Co.-Conn.	13/428084	3/23/2012	2012-0180872-A1	7/19/2012		
Defoamers For Hydratable Cementitious Compositions	W. R. Grace & Co.-Conn.	13/455664	4/25/2012	2012-0291676-A1	11/22/2012	8317918	11/27/2012
Fast Response Time In Slump Monitoring Systems	W. R. Grace & Co.-Conn.	61/892709	10/18/2013				
Alumina Particles And Methods Of Making The Same	W. R. Grace & Co.-Conn.	13/554727	7/20/2012	2013-0045333-A1	2/21/2013		
Cement Grinding Additive For Enabling Pvc Equipment Use	W. R. Grace & Co.-Conn.	61/879178	9/18/2013				
Device For Post-Installation In-Situ Barrier Creation And Method Of Use Thereof	W. R. Grace & Co.-Conn.	11/066927	2/25/2005			7584581	9/8/2009
Device For Post-Installation In-Situ Barrier Creation And Method Of Use Thereof	W. R. Grace & Co.-Conn.	12/361437	1/28/2009	US2009/0126291	5/21/2009	7836650	11/23/2010
Method For Synthesizing Silicoaluminophosphate 34 Molecular Sieves	W. R. Grace & Co.-Conn.	61/895087	10/24/2013				

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Robust Air-Detraining For Cement Milling	W. R. Grace & Co.-Conn.	13/849085	3/22/2013	2013-0213272-A1	8/22/2013		
Biomass-Derived Grinding Aids	W. R. Grace & Co.-Conn.	13/785657	3/5/2013	2013-0180436-A1	7/18/2013		
Stabilized Defoamers For Cementitious Compositions	W. R. Grace & Co.-Conn.	13/865700	4/18/2013	2013-0281577-A1	10/24/2013		
Copolymers For Treating Construction Aggregates	W. R. Grace & Co.-Conn.	13/892701	5/13/2013	US2013-0245162-A1	9/19/2013	8598262	12/3/2013
Method For Making Waterproofing Membrane	W. R. Grace & Co.-Conn.	13/974545	8/23/2013	2013-0337162-A1	12/19/2013		
Continuous Process To Produce Lithium Polymer Batteries	W. R. Grace & Co.-Conn. (NY)	08/653172	5/24/1996			5749927	5/12/1998
Composition And Method To Remove Asbestos	W. R. Grace & Co.-Conn. (NY)	08/721863	9/27/1996			5753034	5/19/1998
Micro-Diastrophic Synthetic Polymeric Fibers For Reinforcing Matrix Materials	W. R. Grace & Co.-Conn. (NY)	09/416012	10/8/1999			6197423	3/6/2001
Improved Sprayable Fireproofing Composition	W. R. Grace & Co.-Conn. (NY)	314707	5/19/1999			6162288	12/19/2000
Process For Improving Grinding Of Cement Clinker In Mills Employing Rollers	W. R. Grace & Co.-Conn. (NY)	394237	9/13/1999			6213415	4/10/2001
Air Management In Cementitious Mixtures Having Plasticizer And A Clay-Activity Modifying Agent	W. R. Grace & Co.-Conn. (NY)	09/517443	3/2/2000			6441054	8/27/2002
Efflorescence Control In Cementitious Compositions And Masonry Units	W. R. Grace & Co.-Conn. (NY)	401640	9/22/1999			6231665	5/15/2001
Modifying Slag For Smelting Steel In Electric Arc Furnaces	W. R. Grace & Co.-Conn. (NY)	438915	11/12/1999			6143050	11/7/2000
Skid-Resistant Roofing Underlayment	W. R. Grace & Co.-Conn. (NY)	531437	9/21/1995			5687517	11/18/1997
Liquid Applied Waterproofing	W. R. Grace & Co.-Conn. (NY)	08/773814	12/19/1996			5763014	6/9/1998
Additive For Production Of Highly Workable Mortar Cement	W. R. Grace & Co.-Conn. (NY)	08/822165	3/21/1997			5782972	7/21/1998
Gasket Composition For Crown Caps	W. R. Grace & Co.-Conn. (NY)	08/739488	10/28/1996			5955163	9/21/1999

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Air Controlling Superplasticizers	W. R. Grace & Co.-Conn. (NY)	493036	6/21/1995			5703174	12/30/1997
Polymer Compositions Containing Salicylic Acid Chelates As Scavenging Components	W. R. Grace & Co.-Conn. (NY)	296761	8/26/1994			5492742	2/20/1996
Mortar Admixtures And Method Of Preparing Same	W. R. Grace & Co.-Conn. (NY)	693769	8/7/1996			5736600	4/7/1998
Moveable Fork Truck Guard Rail For Use While Loading Flat Bed Trailers	W. R. Grace & Co.-Conn. (NY)	08/787501	1/21/1997			5826861	10/27/1998
Improved Cement Admixture Product	W. R. Grace & Co.-Conn. (NY)	08/505985	7/24/1995			5665158	9/9/1997
Improved Cement Admixture Product Having Improved Rheological Properties And Process Of Forming Same	W. R. Grace & Co.-Conn. (NY)	08/468294	6/6/1995			5633298	5/27/1997
Improved Cement Admixture Product Having Improved Rheological Properties And Process Of Forming Same	W. R. Grace & Co.-Conn. (NY)	08/468293	6/6/1995			5643978	7/1/1997
Improved Cement Admixture Product	W. R. Grace & Co.-Conn. (NY)	08/823781	3/24/1997			5725657	3/10/1998
Vermiculite Composition With Improved Thermal Expansion Properties	W. R. Grace & Co.-Conn. (NY)	76663	6/14/1993			5340558	8/23/1994
Vermiculite Composition With Improved Chemical Exfoliation	W. R. Grace & Co.-Conn. (NY)	76664	6/14/1993			5326500	7/5/1994
Shrinkage Reducing Cement Admixture	W. R. Grace & Co.-Conn. (NY)	08/529389	9/18/1995			5556460	9/17/1996
Cement Composition	W. R. Grace & Co.-Conn. (NY)	08/554579	11/6/1995			5618344	4/8/1997
Cement Composition	W. R. Grace & Co.-Conn. (NY)	08/778070	8/12/1996			5779788	7/14/1998
Improved Drying Shrinkage Cement Admixture	W. R. Grace & Co.-Conn. (NY)	529392	9/18/1995			5603760	2/18/1997
Improved Cement Admixture	W. R. Grace & Co.-Conn. (NY)	529388	9/18/1995			5571319	11/5/1996
Emulsified Comb Polymer And Defoaming Agent Composition And Method Of Making Same (Off Provisional 3589/22930)	W. R. Grace & Co.-Conn. (NY)	9370	1/20/1998			6139623	10/31/2000

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Improved Processing Additives For Hydraulic Cements	W. R. Grace & Co.-Conn. (NY)	09/085379	5/26/1998			6048393	4/11/2000
Metal Catalyzed Ascorbate Compounds As Oxygen Scavengers	W. R. Grace & Co.-Conn. (NY)	08/783784	1/15/1997			6465065	10/15/2002
Interactions Between EO/PO Superplasticizers And Aggregates Containing Smectite Clays And Methods For Optimizing Dosage Efficiency Of These EO/PO Superplasticizers	W. R. Grace & Co.-Conn. (NY)	09/446590	6/19/1998			6352952	3/5/2002
Additive For Production Of Highly Workable Mortar Cement	W. R. Grace & Co.-Conn. (NY)	09/233806	5/5/1998			6172147	1/9/2001
Fiber Reinforced Cementitious Materials With Improved Toughness And Ductility	W. R. Grace & Co.-Conn. (NY)	09/185253	11/3/1998			6071613	6/6/2000
Chromium Support-Agglomerate-Transition Metal Polymerization Catalysts And Processes Utilizing Same	W. R. Grace & Co.-Conn. (NY)	10/120310	4/10/2002	2003-0204032-A1	10/30/2003	6958375	10/25/2005
Supported Dual Transition Metal Catalyst Systems	W. R. Grace & Co.-Conn. (NY)	10/120317	4/10/2002	0225225-A1	12/4/2003	6686306	2/3/2004
Masonry Blocks And Masonry Concrete Admixture For Improved Freeze-Thaw Durability	W. R. Grace & Co.-Conn. (NY)	408255	9/29/1999			6258161	7/10/2001
Micro-Diastrophic Synthetic Polymeric Fibers For Reinforcing Matrix Materials	W. R. Grace & Co.-Conn. (NY)	833106	4/11/2001			6592790	7/15/2003
Assay Methods For Hydratable Cementitious Compositions	W. R. Grace & Co.-Conn. (NY)	182114	1/30/2001	2004-0064265-A1	4/1/2004	6816791	11/9/2004
Foamed Fireproofing Composition And Method	W. R. Grace & Co.-Conn. (NY)	10/044547	1/11/2002	2002-0137807-A1	9/26/2002	6780230	8/24/2004
Silica Adsorbent On Superparamagnetic Substrate	W. R. Grace & Co.-Conn. (NY)	09/756149	1/8/2001	2001-0007713-A1	7/12/2001	6296937	10/2/2001
Polymer Desiccant Beads For IG Application	W. R. Grace & Co.-Conn. (NY)	08/746043	11/6/1996			5879764	3/9/1999
High-Loading Adsorbent/Organic Matrix Composites	W. R. Grace & Co.-Conn. (NY)	08/791352	1/30/1997			5935891	8/10/1999

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Frangible Agglomerated Supports, Method, And Olefin Polymerization Catalysts Supported Thereon	W. R. Grace & Co.-Conn. (NY)	08/878476	6/19/1997			6329315	12/11/2001
Improved Electrode Compositions	W. R. Grace & Co.-Conn. (NY)	08/835874	4/8/1997			5827331	10/27/1998
High-Loading Adsorbent/Organic Matrix Composites	W. R. Grace & Co.-Conn. (NY)	08/861926	5/22/1997			6020280	2/1/2000
Method Of Making Frangible Spray Dried Agglomerated Supports And Olefin Polymerization Catalysts Supported Thereon	W. R. Grace & Co.-Conn. (NY)	09/219077	12/22/1998			6313061	11/6/2001
Formulation Suitable For Ink Receptive Coatings	W. R. Grace & Co.-Conn. (NY)	09/112540	7/9/1998	2003-0191226-A1	10/9/2003	6841609	1/11/2005
Promoted Porous Catalyst	W. R. Grace & Co.-Conn. (NY)	09/306398	5/6/1999			6309758	10/30/2001
Compositions Using High Potassium Zeolite A	W. R. Grace & Co.-Conn. (NY)	09/103049	6/22/1998			6037293	3/14/2000
Supported Bidentate And Tridentate Catalyst Compositions And Olefin Polymerization Using Same	W. R. Grace & Co.-Conn. (NY)	09/166545	10/5/1998			6184171	2/6/2001
Slurries Of Abrasive Inorganic Oxide Particles And Methods For Adjusting The Abrasiveness Of The Particles	W. R. Grace & Co.-Conn. (NY)	09/703403	11/1/2000			6365522	4/2/2002
Silica Adsorbent On Superparamagnetic Substrate	W. R. Grace & Co.-Conn. (NY)	09/723446	11/28/2000			6447911	9/10/2002
Thermoplastic Adsorbent Compositions Containing Wax And Insulating Glass Units Containing Such Compositions	W. R. Grace & Co.-Conn. (NY)	09/759958	1/12/2001			6777481	8/17/2004
Solid Compositions For Selective Adsorption From Complex Mixtures	W. R. Grace & Co.-Conn. (NY)	09/929621	8/14/2001	2003-0042203-A1	3/6/2003	6802966	10/12/2004
Halogenated Supports And Supported Activators	W. R. Grace & Co.-Conn. (NY)	09/208898	12/10/1998	2001-0018395-A1	8/30/2001	6403518	6/11/2002

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Corrdination Catalyst Systems Employing Agglomerated Metal Oxide/Clay Support-Activator And Method Of Their Preparation	W. R. Grace & Co.-Conn. (NY)	09/431771	11/1/1999			6399535	6/4/2002
Use Of Glycol Ethers And Glycol Ether Esters As Azeotroping Solvents For The Production Of High Pore Volume Polyolefin Catalysts And Supports	W. R. Grace & Co.-Conn. (NY)	08/252860	6/2/1994			5576262	11/19/1996
Preparation Of Dehydroxlated Supports	W. R. Grace & Co.-Conn. (NY)	08/258396	6/13/1994			5391531	2/21/1995
Extrusion Of Electrode Material By Liquid Injection Into Extruder Barrel	W. R. Grace & Co.-Conn. (NY)	08/653174	5/24/1996			5725822	3/10/1998
Zeolite GZS-II And Its Dynamic Preparation Process	W. R. Grace & Co.-Conn. (NY)	08/324949	10/18/1994			5626828	5/6/1997
Preparation Of Dehydroxylated Supports	W. R. Grace & Co.-Conn. (NY)	08/331438	10/31/1994			5583085	12/10/1996
Supported Catalyst Composition For Polymerization Of Olefins	W. R. Grace & Co.-Conn. (NY)	08/476186	6/7/1995			6489410	12/3/2002
Composition And Method To Remove Asbestos	W. R. Grace & Co.-Conn. (NY)	08/721854	9/27/1996			5753031	5/19/1998
Compositions Using High-Potassium Zeolite A	W. R. Grace & Co.-Conn. (NY)	08/451629	5/26/1995			5773380	6/30/1998
La/Nd-Spinel Compositions For Metals Passivation In FCC Process	W. R. Grace & Co.-Conn. (NY)	08/440281	5/12/1995			5603823	2/18/1997
Composition And Method To Remove Asbestos	W. R. Grace & Co.-Conn. (NY)	08/721859	9/27/1996			5753035	5/19/1998
Inorganic Hydrogel Flatting Agents	W. R. Grace & Co.-Conn. (NY)	08/485304	6/7/1995	2002-0077242-A1	6/20/2002	6696375	2/24/2004
Use Of Glycol Ether Compounds For The Production Of Polyolefin Catalysts And Supports	W. R. Grace & Co.-Conn. (NY)	08/476187	6/7/1995			5599762	2/4/1997

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Composition Containing Protease Produced By Vibrio And Method Of Use In Debridement And Wound Healing	W. R. Grace & Co.-Conn. (NY)	08/483170	6/7/1995			5505943	4/9/1996
Composition And Method To Remove Asbestos	W. R. Grace & Co.-Conn. (NY)	08/721856	9/27/1996			5753032	5/19/1998
Corrosion Inhibiting Composition For Treating Asbestos Containing Materials	W. R. Grace & Co.-Conn. (NY)	08/721853	9/27/1996			5741358	4/21/1998
Fabrication Methods For Low Impedance Lithium Polymer Electrodes	W. R. Grace & Co.-Conn. (NY)	08/653170	8/24/1996			5698147	12/16/1997
Dispersions Of Fine Porous Inorganic Oxide Particles And Processes For Preparing Same	W. R. Grace & Co.-Conn. (NY)	09/343842	6/30/1999			6380265	4/30/2002
Nuclear Fuel Product	W. R. Grace & Co.-Conn. (NY)	644435	5/31/1967				
Process For Preparing A Nuclear Fuel	W. R. Grace & Co.-Conn. (NY)	644436	5/31/1967				
Nuclear Fuel Product Having Controlled Physical Characteristics	W. R. Grace & Co.-Conn. (NY)	94257	12/2/1970				
Microsphere Coating Process	W. R. Grace & Co.-Conn. (NY)	28947	4/15/1970				
Process For Coating Nuclear Fuel Particles	W. R. Grace & Co.-Conn. (NY)	28941	4/15/1970				
High Purity Nuclear Fuel	W. R. Grace & Co.-Conn. (NY)	05/094554	12/2/1970				
High Purity Nuclear Fuel	W. R. Grace & Co.-Conn. (NY)	05/525336	11/15/1974				
Composition And Method To Remove Asbestos	W. R. Grace & Co.-Conn. (NY)	08/721858	9/27/1996			5753033	5/19/1998
Foam Composition For Treating Asbestos-Containing Materials And Method Of Using Same	W. R. Grace & Co.-Conn. (NY)	08/721857	9/27/1996			5743841	4/28/1998
Donor-Modified Olefin Polymerization Catalysts	W. R. Grace & Co.-Conn. (NY)	09/030615	2/27/1998			6228792	5/8/2001
Ceramic Aggregate/Cement Ballistic Armor	W. R. Grace & Co.-Conn. (NY)	857001	3/26/1992				
Phosphorus Zeolites/Molecular Sieves	W. R. Grace & Co.-Conn. (NY)	08/048996	4/16/1993			5378670	1/3/1995
Battery Separator	W. R. Grace & Co.-Conn. (NY)	08/041085	4/1/1993			5362581	11/8/1994

Invention Title	Owner Name	Appl. No.	Filing Date	Publ. No.	Publ. Date	Patent No.	Issue Date
Microporous Polyurethane Based Battery Separator	W. R. Grace & Co.-Conn. (NY)	41740	4/1/1993			5346788	9/13/1994
Leak-Proof Resilient Hermetic Package	W. R. Grace & Co.-Conn. (NY)	53931	4/26/1993				
Improved Workability And Board Life In Masonry Mortar And Method For Obtaining Same	W. R. Grace & Co.-Conn. (NY)	09/856519	10/26/1999			6451880	9/17/2002
Foamed Fireproofing Composition And Method	W. R. Grace & Co.-Conn. (NY)	10/674745	9/30/2003	2004/0061 098-A1	4/1/2004	7427321	9/23/2008
Improved Processing Additives For Hydraulic Cements	W. R. Grace & Co.-Conn. (NY)	09/524803	9/30/1999			6290772	9/18/2001
Improved Sprayable Fireproofing Composition	W. R. Grace & Co.-Conn. (NY)	702107	10/30/2000			6406755	6/18/2002
Air Entrainment With Polyoxyalkylene Copolymers For Concrete Treated With Oxyalkylene SRA	W. R. Grace & Co.-Conn. (NY)	719361	6/14/1999			6277191	8/21/2001
Air Management In Cementitious Mixtures Having Plasticizer And A Clay-Activity Modifying Agent	W. R. Grace & Co.-Conn. (NY)	10/267631	7/8/2002	2003- 0136307- A1	7/24/2003	7972436	7/5/2011
Air Entraining Admixture Compositions	W. R. Grace & Co.-Conn. (NY)	881161	6/14/2001			6358310	3/19/2002
Packeting Fibers For Castable Compositions	W. R. Grace & Co.-Conn. (NY)	890623	2/10/2000			6562430	5/13/2003
Highly Dispersible Reinforcing Polymeric Fibers	W. R. Grace & Co.-Conn. (NY)	843427	4/25/2001	2002- 0182406- A1	12/5/2002	6569525	5/27/2003
Foamed Fireproofing Composition And Method	W. R. Grace & Co.-Conn. (NY)	10/305991	11/27/2002	2003- 0125404- A1	7/3/2003	6699915	3/2/2004
Gasoline Sulfur Reduction In Fluid Catalytic Cracking	W. R. Grace & Co.- Conn./Mobil Oil Corporation	11/013708	12/16/2004	2005- 0124485- A1	6/9/2005	7476638	1/13/2009
Gasoline Sulfur Reduction In Fluid Catalytic Cracking	W. R. Grace & Co.- Conn./Mobil Oil Corporation	11/013481	12/16/2004	2005- 0130834- A1	6/16/2005	7452839	11/18/2008
Gasoline Sulfur Reduction In Fluid Catalytic Cracking	W. R. Grace & Co.- Conn./Mobil Oil Corporation	11/118539	4/29/2005	2005- 0209093- A1	9/22/2005	7507686	3/24/2009

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Gasoline Sulfur Reduction In Fluid Catalytic Cracking	W. R. Grace & Co.- Conn./Mobil Oil Corporation	11/118541	4/29/2005	2005-0189260-A1	9/1/2005	7803267	9/28/2010
Gasoline Sulfur Reduction In Fluid Catalytic Cracking	W. R. Grace & Co.- Conn./Mobil Oil Corporation	09/221539	12/28/1998			6846403	1/25/2005
Gasoline Sulfur Reduction In Fluid Catalytic Cracking	W. R. Grace & Co.- Conn./Mobil Oil Corporation	09/901939	7/10/2001	2004-0099573-A1	5/27/2004	7153413	12/26/2006
Gasoline Sulfur Reduction In Fluid Catalytic Cracking	W. R. Grace & Co.- Conn./Mobil Oil Corporation	09/649627	8/28/2000			6482315	11/19/2002
Gasoline Sulfur Reduction In Fluid Catalyst Cracking	W. R. Grace & Co.- Conn./Mobil Oil Corporation	09/468452	12/21/1999	2002-0179498-A1	12/5/2002	6974787	12/13/2005
Gasoline Sulfur Reduction In Fluid Catalytic Cracking	W. R. Grace & Co.- Conn./Mobil Oil Corporation	10/308737	12/3/2002	2003-0089639-A1	5/15/2003	6923903	8/2/2005
Gasoline Sulfur Reduction In Fluid Catalytic Cracking	W. R. Grace & Co.- Conn./Mobil Oil Corporation	09/144607	8/31/1998			6852214	2/8/2005
Robust Polycarboxylate Containing Ether Linkages For Milling Preparation Of Cementitious Materials	W. R. Grace & Co.- Conn./Nippon Shokubai Co., Ltd	13/144200	8/24/2011	2011-0306704-A1	12/15/2011		
Affinity Chromatography Media And Chromatography Devices	W. R. Grace & Co.- Conn/Repligan Corporation	61/928242	1/16/2014				
Robust Polycarboxylate Containing Ether Linkages For Milling Preparation Of Cementitious Materials	W. R. Grace & Co.- Conn./Nippon Shokubai Co., Ltd	13/144200	8/24/2011	2011-0306704-A1	12/15/2011		
Affinity Chromatography Media And Chromatography Devices	W. R. Grace & Co.- Conn/Repligan Corporation	61/928242	1/16/2014				

* Title updates to reflect W. R. Grace & Co.-Conn. as current owner has been recorded with US PTO

**The Company does not intend to maintain these patents or patent applications. They have lapsed or will lapse in due course.

Grant of Security Interest in United States Patents dated as of February 3, 2014, by Alltech Associates, Inc., an Illinois corporation, in favor of Goldman Sachs Bank USA, as Collateral Agent, was recorded with the United States Patent and Trademark Office on February 4, 2014 at Reel/Frame No. 032157/0264.

Invention Title	Owner Name	Appl. No.	Filing Date	Publ. No.	Publ. Date	Patent No.	Issue Date
Low temperature adaptor for evaporative light detection	Alltech Associates, Inc.	09/392,757**	9/7/1999			7006218	2/28/2006
Low temperature adaptor for evaporative light detection	Alltech Associates, Inc.	08/932,262**	9/17/2006			6362880	3/28/2002
Methods and Apparatus For Analyzing Samples and Collecting Sample Fractions	Alltech Associates, Inc.	13/266870	10/28/2011	2013-004267 3-A1	2/21/2013	20090148 692	
Methods and Apparatus for Analyzing Samples and Collecting Sample Fractions	Alltech Associates, Inc.	12/959933	12/3/2010	2011-030186 8-A1	12/8/2011	8314934	11/20/2012
Methods and Apparatus for Analyzing Samples and Collecting Sample Fractions	Alltech Associates, Inc.	12/960042	12/3/2010	2011-031039 0-A1	12/22/2011	8305581	11/6/2012
Methods and Apparatus for Analyzing Samples and Collecting Sample Fractions	Alltech Associates, Inc.	12/960114	12/3/2010	2011-030186 5-A1	12/8/2011	8305582	11/6/2012

Invention Title	Owner Name	Appl. No.	Filing Date	Publ. No.	Publ. Date	Patent No.	Issue Date
Methods and Apparatus for Analyzing Samples and Collecting Sample Fractions	Alltech Associates, Inc.	13/681069	11/19/2012	2013-0074579-A1	3/28/2013		
Method and Apparatus for Packing and Sealing Chromatographic Columns	Alltech Associates, Inc.	08/937301	9/15/1997			6036855	3/14/2000
Chromatography Columns	Alltech Associates, Inc.	13/133733	6/9/2011	2012-0079874-A1	4/5/2012		
Methods For Optimizing Gradients in Liquid Chromatography Systems	Alltech Associates, Inc.	13/262756	10/3/2011	2012/0166098	6/28/2012		
Automated Sample Injection Apparatus, Multiport Valve, And Methods Of Making And Using The Same	Alltech Associates, Inc.	13/139061	6/10/2011	2012-0096932-A1	4/26/2012		
Methods and Apparatus for Moving Aliquot Samples of Fluid	Alltech Associates, Inc.	13/132619	6/3/2011	2012-0073665-A1	3/29/2012		
Ultra-Fast Chromatography	Alltech Associates, Inc.	12/528670	8/26/2009	2010-0167374-A1	7/1/2010	8580935	11/12/2013
Methods and Apparatus for Analyzing Samples and Collecting Sample Fractions	Alltech Associates, Inc.	12/529477	9/1/2009	2010-0238444-A1	9/23/2010	8115930	2/14/2012

Invention Title	Owner Name	Appl. No.	Filing Date	Publ. No.	Publ. Date	Patent No.	Issue Date
Silica Particles and Methods of Making and Using The Same	Alltech Associates, Inc.	12/451914	12/4/2009	2010-011674 3-A1	5/13/2010		
Column Packing Apparatus and Method of Making and Using The Same	Alltech Associates, Inc.	12/918977	8/23/2010	2012-008546 2-A1	4/12/2012	8470173	6/25/2013
Components Suitable For Use In Devices Such As An Evaporative Light Scattering Detector	Alltech Associates, Inc.	13/133837	6/9/2011	2011-030299 4-A1	12/15/2011		
Chromatography Systems And System Components	Alltech Associates, Inc.	13/139016	6/10/2011	2012-017528 9-A1	7/12/2012		
Solvent Feed Systems For Chromatography Systems And Methods Of Making And Using The Same	Alltech Associates, Inc.	13/139030	6/10/2011	2012-010307 3-A1	5/3/2012		
Solid Compositions for Selective Adsorption from Complex Mixtures	Alltech Associates, Inc.	10/892779	7/16/2004	2005-000342 8-A1	1/6/2005	6998042	2/14/2006
Ion Chromatography Apparatus and Method for Removing Gas Prior to Sample Detection	Alltech Associates, Inc.	09/417231	10/13/1999			6444475	9/3/2002
Evaporative Light Scattering Device	Alltech Associates, Inc.	09/523108	3/10/2000			6229605	5/8/2001

Invention Title	Owner Name	Appl. No.	Filing Date	Publ. No.	Publ. Date	Patent No.	Issue Date
Composite Chromatography Column	Alltech Associates, Inc.	11/992904	3/28/2008	2009-026042 0-A1	10/22/2009	8459101	6/11/2013
Evaporative Light Scattering Detector	Alltech Associates, Inc.	12/224929	9/9/2008	2011-018188 0-A1	7/28/2011		
Chromatographic Device and Method of Forming A Chromatographic Device	Alltech Associates, Inc.	10/114528	4/2/2002	2003-018356 6	10/2/2003	6932904	8/23/2005
Chromatographic Device having an Elongate Rod and Method of Forming a Chromatographic Device	Alltech Associates, Inc.	10/122275	4/12/2002	2003-019481 4 A1	10/16/2003	7008532	3/7/2006
Chromatographic Device with Piston Locking Mechanism and Method of Packing Same	Alltech Associates, Inc.	08/996973	12/23/1997			5951873	9/14/1999
Apparatus That Maintains Compression in a Tube	Alltech Associates, Inc.	08/942153	10/1/1997			5893971	4/13/1999
Method for Packing and Sealing Chromatographic Columns	Alltech Associates, Inc.	08/942259	10/1/1997			5866008	2/2/1999

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