

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT3872565

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
DOW GLOBAL TECHNOLOGIES LLC	03/20/2014
RECEIVING PARTY DATA	
Name:	W. R. GRACE & CO.-CONN.
Street Address:	7500 GRACE DRIVE
City:	COLUMBIA
State/Country:	MARYLAND
Postal Code:	21044
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15035980
CORRESPONDENCE DATA	
Fax Number:	(908)654-7866
<i>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.</i>	
Phone:	(908) 518-6425
Email:	assignment@lerner david.com
Correspondent Name:	LDLK&M
Address Line 1:	600 SOUTH AVENUE WEST
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ATTORNEY DOCKET NUMBER:	GRACE 3.3F-076
NAME OF SUBMITTER:	MELINDA C. CORMIER
SIGNATURE:	/Melinda C. Cormier/
DATE SIGNED:	05/13/2016
Total Attachments: 18	
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PATENT ASSIGNMENT AGREEMENT

This PATENT ASSIGNMENT AGREEMENT (this "Assignment"), dated as of December 2, 2013, is entered into by and among DOW GLOBAL TECHNOLOGIES LLC, a Delaware limited liability company ("DGTL"), UNION CARBIDE CHEMICALS & PLASTICS TECHNOLOGY LLC, a Delaware limited liability company ("UCPTL" and DGTL, together or individually as the context implies "Assignor"), and W. R. GRACE & CO.-CONN., a Connecticut corporation ("Assignee") (each, a "Party," and collectively, the "Parties").

WHEREAS, THE DOW CHEMICAL COMPANY, a Delaware corporation and Assignee have entered into a Sale and Purchase Agreement dated as of October 10, 2013 ("Sale and Purchase Agreement"); and

WHEREAS, pursuant to the Sale and Purchase Agreement, each Assignor has agreed to assign to Assignee all of its pertinent right, title and interest in and to its pertinent patents and patent applications owned thereby as identified on Schedule A hereto (the "Patents"), and Assignee desires to receive the Patents from Assignor.

NOW, THEREFORE, in consideration of the premises and the mutual agreements and covenants hereinafter set forth, the Parties agree as follows:

1. Assignment. Each Assignor hereby assigns to Assignee, and Assignee hereby receives from Assignor, all of Assignor's right, title and interest in and to pertinent Assignor's Patents owned thereby as recited in Schedule A, including all claims, demands, rights of recovery, damages or profit for past or future infringements or other violations of such Patents by third parties, and all rights to compromise, sue for and collect on such claims, demands and rights to recover including the right to claim the priority date of any of Assignor's Patents listed in Schedule A.

2. Further Action. The Parties shall, and shall cause their respective Affiliates to, use commercially reasonable efforts to take, or cause to be taken, all appropriate action, to do, or cause to be done, all things necessary, proper or advisable under applicable Law, and to execute and deliver such documents and other papers, as may be required to carry out the provisions of this Assignment and consummate and make effective the transactions contemplated by this Assignment; provided, that, as between the Parties, Assignee shall be responsible for the preparation and filing of such documents and other instruments that may be necessary to record or perfect Assignee's right, title and interest in and to the Patents (including, without limitation, with any applicable Governmental Authorities), and for any and all costs, expenses and fees associated therewith.

3. Counterparts. This Assignment may be executed and delivered (including by facsimile or other means of electronic transmission, such as by electronic mail in "pdf" form) in one or more counterparts, and by the different Parties in separate counterparts, each of which when executed shall be deemed to be an original, but all of which taken together shall constitute one and the same agreement.

4. Conflict. If there is any conflict between the Sale and Purchase Agreement and this Assignment, each of the Sale and Purchase Agreement and this Assignment is to be interpreted and construed, if possible, so as to avoid or minimize such conflict, but, to the extent (and only to the extent) of such conflict, the Sale and Purchase Agreement shall prevail and control.

5. Governing Law. This Assignment shall be governed by, and construed in accordance with, the laws of the State of Delaware.

[Signature Page Follows]

IN WITNESS THEREOF, the Parties have caused this Assignment to be executed as of the date first written above by their respective officers thereunto duly authorized.

eff
Dow Global Technologies LLC (Assignor)
2040 Dow Center, Midland, Michigan 48674
U.S.A.

By: *Susan M Zerull*
Name: Susan M. Zerull
Title: Authorized Representative

STATE OF Michigan) SS:
COUNTY Midland)

On this 20 day of March, 2014 before me personally appeared, Susan M. Zerull, known to me to be the individual described in and who executed the foregoing instrument, and who thereupon acknowledged to me that she executed the same for the purposes therein set forth.

Kathy Sue Wertz
Notary Public
Kathy Sue Wertz
NOTARY PUBLIC, MIDLAND COUNTY, MICHIGAN
MY COMMISSION EXPIRES APRIL 07, 2018

kw

eff
Union Carbide Chemicals & Plastics Technology
LLC (Assignor)
2020 Dow Center, Midland, Michigan 48674
U.S.A.

By: *Charles J Maurer III*
Name: Charles J. Maurer III
Title: Secretary

STATE OF Michigan) SS:
COUNTY Midland)

On this 20 day of March, 2014 before me personally appeared, Charles J. Maurer III known to me to be the individual described in and who executed the foregoing instrument, and who thereupon acknowledged to me that he executed the same for the purposes therein set forth.

Kathy Sue Wertz
Notary Public
Kathy Sue Wertz
NOTARY PUBLIC, MIDLAND COUNTY, MICHIGAN
MY COMMISSION EXPIRES APRIL 07, 2018

fw

W. R. Grace & Co. Conn. (Assignee)
7500 Grace Drive, Columbia, Maryland 21044
U. S. A

By: *Robert A. Maggio*
Name: Robert A. Maggio
Title: Assistant Secretary

STATE OF Maryland) SS:
COUNTY Howard)

On this 24th day of March, 2014 before me personally appeared, Robert A. Maggio known to me to be the individual described in and who executed the foregoing instrument, and who thereupon acknowledged to me that he executed the same for the purposes therein set forth.

Christopher V. Seans
Notary Public

SCHEDULE A

PATENTS

United States of America (US)

OWNER	DOY CASE REFERENCE	COUNTRY CODE	SHORT TITLE	FILING DATE	APPLICATION NUMBER	PUBLICATION NUMBER	GRANT DATE	PATENT NUMBER
UCCPTL	62106A-US-PCT	US	CATALYST COMPOSITION AND POLYMERIZATION PROCESS USING MIXTURES OF SELECTIVITY CONTROL AGENTS	5/20/2003	10/514608	2006-0167194	11/28/2006	7141635
UCCPTL	UC17139-US-NP	US	A PROCESS FOR THE PRODUCTION OF POLYPROPYLENE	7/19/1993	08/094477		12/21/1999	6005049
UCCPTL	UC17657-US-NP	US	POLYMER COMPOSITIONS AND CAST FILMS	5/8/1995	08416825		10/7/1997	5674630
UCCPTL	UC16119-1-US-CN111	US	SHAPE-SHIFTED MAGNESIUM ALKOXIDE COMPONENT FOR POLYMERIZING OLEFINS	5/23/1995	08447921		10/22/1996	5567665

OWNER	DOW CASE REFERENCE	COUNTRY CODE	SHORT TITLE	FILING DATE	APPLICATION NUMBER	PUBLICATION NUMBER	GRANT DATE	PATENT NUMBER
UCCPTL	UC16119-2-US-DIV [1]	US	SHAPE-SHIFTED MAGNESIUM ALKOXIDE COMPONENT FOR POLYMERIZING OLEFINS	2/2/1996	08/595777		2/18/1997	5694172
UCCPTL	UC16119-3-US-DIV [1]	US	SHAPE-SHIFTED MAGNESIUM ALKOXIDE COMPONENT FOR POLYMERIZING OLEFINS	8/21/1996	08/701805		7/29/1997	5652314
UCCPTL	UC17722-US-NP	US	SCREEN PACKS FOR REDUCING GELS IN POLYPROPYLENE COPOLYMERS	12/3/1996	08/753932		3/24/1998	5730883
UCCPTL	UC17637-US-CNT [1]	US	POLYMER COMPOSITIONS AND CAST FILMS	5/28/1997	08/864161		9/7/1999	5948839
UCCPTL	UC17803-US-NP	US	NOVEL ELECTRON DONOR CONTAINING COMPOSITIONS	12/10/1997	08/988291		10/19/1999	5968865
UCCPTL	UC17913-US-NP	US	METHOD OF MAKING AND USING CATALYST PRECURSOR	10/14/1998	09/172543		10/5/1999	5962361

OWNER	DOW CASE REFERENCE	COUNTRY CODE	SHORT TITLE	FILING DATE	APPLICATION NUMBER	PUBLICATION NUMBER	GRANT DATE	PATENT NUMBER
UCCPIL	UC17919-US-NP	US	PROCESS FOR DEACTIVATION OF POLYOLEFIN COMPOSITIONS UTILIZING CARBON DIOXIDE AS A DEACTIVATION AGENT	12/23/1998	09/220180		2/8/2000	6022946
UCCPIL	UC18027-US-NP	US	METHOD OF REDUCING FORMATION OF PRECIPITATES IN SOLVENT RECOVERY SYSTEM	7/11/2000	09/613954		3/19/2002	6358372
UCCPIL	63203A-US-PCT	US	CATALYST COMPOSITION AND POLYMERIZATION PROCESS USING MIXTURE OF SILANE ELECTRON DONORS	5/27/2004	10/555548	2006-0264584	4/21/2009	7521512
UCCPIL	63399A-US-PCT	US	SELF EXTINGUISHING CATALYST COMPOSITION WITH MONOCARBOXYLIC ACID ESTER INTERNAL DONOR AND PROPYLENE POLYMERIZATION PROCESS	8/18/2004	10/568981	2007-0032376	9/2/2008	7420021

OWNER	DOW/CASE REFERENCE	COUNTRY CODE	SHORT TITLE	FILING DATE	APPLICATION NUMBER	PUBLICATION NUMBER	GRANT DATE	PATENT NUMBER
UCCPTL	61765B-US-CNT(1)	US	OLEFIN POLYMERIZATION CATALYST COMPOSITIONS AND METHOD OF PREPARATION	7/30/2004	10/2033309	2005-0003953	10/13/2009	7601664
UCCPTL	67097-US-NP	US	PRO-CATALYST COMPOSITION WITH MULTIPLE INTERNAL DONOR HAVING SILYL ESTER AND METHOD	11/23/2009	12/623314	2010-0130710	7/17/2012	8222357
UCCPTL	62480A-US-PCT	US	MIXED CATALYST COMPOSITIONS FOR THE PRODUCTION OF POLYOLEFINS	4/29/2003	10/508852	2005-0170950	1/23/2007	7166553
DGTL	62933A-US-PCT	US	MORPHOLOGY CONTROLLED OLEFIN POLYMERIZATION PROCESS	2/20/2004	10/544278	2006-0142152	4/29/2008	7365039
DGTL	63797A-US-PCT	US	SELF-LIMITING CATALYST COMPOSITION AND PROPYLENE POLYMERIZATION PROCESS	9/17/2004	10/568930	2007-0027275	2/17/2009	7491670

OWNER	DOW CASE REFERENCE	COUNTRY CODE	SHORT TITLE	FILING DATE	APPLICATION NUMBER	PUBLICATION NUMBER	GRANT DATE	PATENT NUMBER
DGTL	63176A-US-PCT	US	SELF LIMITING CATALYST COMPOSITION WITH DICARBOXYLIC ACID ESTER INTERNAL DONOR AND PROPYLENE POLYMERIZATION PROCESS	8/18/2004	10/568931	2007-0032375	6/3/2008	7381779
DGTL	63036A-US-PCT	US	CATALYST COMPOSITION WITH MONOCARBOXYLIC ACID ESTER INTERNAL DONOR AND PROPYLENE POLYMERIZATION PROCESS	8/18/2004	10/568982	2007-0066771	7/1/2008	7393806
DGTL	63036B-US-DIV[1]	US	CATALYST COMPOSITION WITH MONOCARBOXYLIC ACID ESTER INTERNAL DONOR AND PROPYLENE POLYMERIZATION PROCESS	6/24/2008	12/145061	2008-0319146	3/30/2010	7687426
DGTL	63797B-US-CNT	US	SELF LIMITING CATALYST COMPOSITION AND PROPYLENE POLYMERIZATION PROCESS	1/12/2009	12/352173	2009-0182101	3/16/2010	7678868

OWNER	DOW CASE REFERENCE	COUNTRY CODE	SHORT TITLE	FILING DATE	APPLICATION NUMBER	PUBLICATION NUMBER	GRANT DATE	PATENT NUMBER
DGTL	66198D-US-CIP[1]	US	CATALYST COMPOSITION WITH MIXED SELECTIVITY CONTROL AGENT AND METHOD	2/23/2009	12/390785	2009-0203863	2/22/2011	7933003
DGTL	66198D-US-CIP[1]	US	HIGH MELT FLOW POLYPROPYLENE IMPACT COPOLYMER AND METHOD	2/23/2009	12/390897	2009-0309706	11/29/2011	8067510
DGTL	67098-US-NP	US	PROCATALYST COMPOSITION INCLUDING SILYL ESTER INTERNAL DONOR AND METHOD	11/20/2009	12/622889	2010-0130709	1/3/2012	8088872
DGTL	64819-US-NP	US	ANTIQUILANT FOR IMPACT COPOLYMERS AND METHOD	12/21/2009	12/653651	2010-0167058	12/10/2013	8604118
DGTL	69504-US-NP	US	PROPYLENE-BASED POLYMER, ARTICLES, AND PROCESS FOR PRODUCING SAME	12/51/2009	12/650617	2010-0168353	9/11/2012	8263692
DGTL	69508-US-NP	US	POLYPROPYLENE IMPACT COPOLYMER AND METHOD	12/51/2009	12/650625	2010-0168342	5/3/2011	7933766
DGTL	69506-US-NP	US	RANDOM PROPYLENE COPOLYMER COMPOSITIONS, ARTICLES AND PROCESS	12/51/2009	12/650633	2010-0197874	1/31/2012	8106138

OWNER	ROW CASE REFERENCE	COUNTRY CODE	SHORT TITLE	FILING DATE	APPLICATION NUMBER	PUBLICATION NUMBER	GRANT DATE	PATENT NUMBER
DGIL	67797-US-NP	US	PROCATALYST COMPOSITION WITH SUBSTITUTED 1,2-PHENYLENE AROMATIC DIESTER INTERNAL DONOR AND METHOD	12/31/2009	12/650834	2010-0222530	10/16/2012	8238585
DGIL	69115-US-NP	US	ENHANCED PROCATALYST COMPOSITION AND PROCESS	12/31/2009	12/651032	2010-0175769		
DGIL	69507-US-NP	US	PRODUCTION OF SUBSTITUTED PHENYLENE AROMATIC DIESTERS	12/31/2009	12/651142	2010-0174105	8/13/2013	8507717
DGIL	68188-US-NP	US	PRODUCTION OF SUBSTITUTED PHENYLENE AROMATIC DIESTERS AND COMPOSITIONS	12/31/2009	12/651268	2010-0204506	12/10/2013	8604235
DGIL	66198A-US-PCT	US	SELF-LIMITING CATALYST SYSTEM WITH CONTROLLED ALUMINUM TO SCA RATIO AND METHOD	8/21/2008	12/674468	2011-0152067		
DGIL	66428-US-PCT	US	GAS-PHASE POLYMERIZATION PROCESS	8/21/2008	12/674475	2011-0172377	12/4/2012	8524327

OWNER	DOW CASE REFERENCE	COUNTRY CODE	SHORT TITLE	FILING DATE	APPLICATION NUMBER	PUBLICATION NUMBER	GRANT DATE	PATENT NUMBER
DGIL	66201A-US-PCT	US	SELF-LIMITING CATALYST COMPOSITION WITH NO SILANE	8/20/2008	12/674485	2011-0124491		
DGIL	68353-US-NP	US	PROCATALYST COMPOSITION WITH ADAMANTANE AND METHOD	4/16/2010	12/761854	2010-0273966	10/16/2012	8288304
DGIL	68873-US-NP	US	HIGH STIFFNESS HIGH IMPACT PROPYLENE IMPACT COPOLYMERS FIELD OF THE INVENTION	6/10/2010	12/797717	2011-0966731	5/15/2012	8178623
DGIL	66200A-US-PCT	US	SELF-LIMITING CATALYST COMPOSITION WITH NON-PHTHALATE INTERNAL DONOR	12/12/2008	12/809663	2010-0273641		
DGIL	69808-US-CIP	US	THERMOFORMED ARTICLE WITH HIGH STIFFNESS AND GOOD OPTICS	6/21/2010	12/819489	2010-0301059	2/19/2013	8378045
DGIL	65606-US-NP	US	POLYPROPYLENE IMPACT COPOLYMERS HAVING HIGH MELT FLOW AND IZOD DUCTILITY	7/6/2010	12/830568	2011-0015316		

OWNER	DOW CASE REFERENCE	COUNTRY CODE	SHORT TITLE	FILING DATE	APPLICATION NUMBER	PUBLICATION NUMBER	GRANT DATE	PATENT NUMBER
DGTL	69850-US-NP	US	METHOD FOR POLYMERIZING POLYPROPYLENE	11/8/2010	12/941440	2012-0116029		
DGTL	68570-US-NP	US	TWO ATOM BRIDGED DICARBONATE COMPOUNDS AS INTERNAL DONORS IN CATALYSTS FOR POLYPROPYLENE MANUFACTURE	11/50/2010	12/956050	2011-0130530	9/11/2012	8263520
DGTL	69477-US-NP	US	THREE AND FOUR ATOM BRIDGED DICARBONATE COMPOUNDS AS INTERNAL DONORS IN CATALYSTS FOR POLYPROPYLENE MANUFACTURE	11/50/2010	12/956091	2011-0130529		
DGTL	68874-US-NP	US	GAS-PHASE POLYMERIZATION PROCESS UNDER MULTIPLE FLOW REGIMES	12/16/2010	12/970617	2011-0152424	5/15/2012	8178633
DGTL	70311-US-NP	US	CATALYST COMPOSITION WITH ALKOXYALKYL ESTER INTERNAL ELECTRON DONOR AND POLYMER FROM SAME	12/21/2010	12/974322	2012-0157642	12/10/2013	8604146

OWNER	DOW CASE REFERENCE	COUNTRY CODE	SHORT TITLE	FILING DATE	APPLICATION NUMBER	PUBLICATION NUMBER	GRANT DATE	PATENT NUMBER
DGTL	70315-US-NP	US	CATALYST COMPOSITION WITH HALO-MALONATE INTERNAL ELECTRON DONOR AND POLYMER FROM SAME	12/21/2010	12/974402	2012-0157296	2/26/2013	8383540
DGTL	70317-US-NP	US	PROCESS FOR PRODUCING PROCATALYST COMPOSITION WITH ALKOXYALKYL ESTER INTERNAL ELECTRON DONOR AND PRODUCT	12/21/2010	12/974548	2012-0157295		
DGTL	70318-US-NP	US	PROCATALYST COMPOSITION WITH ALKOXYALKYL-2-PROF ENOATE INTERNAL ELECTRON DONOR AND POLYMER FROM SAME	12/21/2010	12/974667	2012-0157643	9/17/2013	8536290
DGTL	70319-US-NP	US	PROCATALYST COMPOSITION WITH ALKOXYPROPYL ESTER INTERNAL ELECTRON DONOR AND POLYMER FROM SAME	12/21/2010	12/974752	2012-0157645		
DGTL	66198B-US-DIV	US	CATALYST COMPOSITION WITH MIXED SELECTIVITY CONTROL AGENT AND METHOD	2/11/2011	13/025532	2011-0136998		

OWNER	DOW CASE REFERENCE	COUNTRY CODE	SHORT TITLE	FILING DATE	APPLICATION NUMBER	PUBLICATION NUMBER	GRANT DATE	PATENT NUMBER
DGIL	66198E-US-PCT	US	HIGH MELT FLOW PROPYLENE IMPACT COPOLYMER AND METHOD	2/23/2009	13/059490	2012-0130018		
DGIL	66198C-US-PCT	US	CATALYST COMPOSITION WITH MIXED SELECTIVITY CONTROL AGENT AND METHOD	2/23/2009	13/059495	2011-0152490		
DGIL	70320-US-NP	US	PROCESS FOR GAS-PHASE POLYMERIZATION HAVING HIGH BED BULK DENSITY	6/30/2011	13/172969	2013-0005923		
DGIL	71214-US-NP	US	PRODUCTION OF SUBSTITUED PHENYLENE DIBENZOATE INTERNAL ELECTRON DONOR AND PROCATALYST WITH SAME	8/30/2011	13/220910	2013-0053525		
DGIL	69504-US-CNT	US	PROPYLENE-BASED POLYMER, ARTICLES, AND PROCESS FOR PRODUCING SAME	8/29/2012	13/597536	2013-0041113		

OWNER	DOW CASE REFERENCE	COUNTRY CODE	SHORT TITLE	FILING DATE	APPLICATION NUMBER	PUBLICATION NUMBER	GRANT DATE	PATENT NUMBER
DGIL	68570-US-DIV	US	TWO ATOM BRIDGED DICARBONATE COMPOUNDS AS INTERNAL DONORS IN CATALYSTS FOR POLYPROPYLENE MANUFACTURE	9/11/2012	13/610439	2013-0245306		
DGIL	67797-US-CNT	US	PRO-CATALYST COMPOSITION WITH SUBSTITUTED 1,2-PHENYLENE AROMATIC DIESTER INTERNAL DONOR AND METHOD	10/09/2012	13/647546	2013-0035227	09/17/2013	8530372
DGIL	68873-US-PCT	US	HIGH STIFFNESS HIGH IMPACT PROPYLENE IMPACT COPOLYMERS	6/6/2011	13/695107	2013-0131274		
DGIL	67733-US-DIV	US	CATALYST COMPOSITION WITH PHOSPHORUS-BASED DONOR AND METHOD	12/11/2012	13/710975	2013-0102457		
DGIL	70315-US-DIV	US	CATALYST COMPOSITION WITH HALO-MALONATE INTERNAL ELECTRON DONOR AND POLYMER FROM SAME	2/6/2013	13/760279	2013-0150234		

OWNER	DOW CASE REFERENCE	COUNTRY CODE	SHORT TITLE	FILING DATE	APPLICATION NUMBER	PUBLICATION NUMBER	GRANT DATE	PATENT NUMBER
DGIL	70317-US-CNT	US	PROCESS FOR PRODUCING PROCATALYST COMPOSITION WITH ALKOXYALKYL ESTER INTERNAL ELECTRON DONOR AND PRODUCT	4/1/2013	13/834433	2013-0223398		
DGIL	70649-US-PCT	US	PROCESS FOR PRODUCTION OF HIGH MELT FLOW POLYPROPYLENE-BASED POLYMER AND PRODUCT FROM SAME	6/12/2013	13/993503	2013-0261273		
DGIL	70318-US-PCT	US	PROCATALYST COMPOSITION WITH ALKOXYALKYL-2-PROP ENOATE INTERNAL ELECTRON DONOR AND POLYMER FROM SAME	12/2/2011	13/996300			
DGIL	70311-US-PCT	US	CATALYST COMPOSITION WITH ALKOXYALKYL ESTER INTERNAL ELECTRON DONOR AND POLYMER FOR THE SAME	12/1/2011	13/996522	2013-0289231		
DGIL	70319-US-PCT	US	PROCATALYST COMPOSITION WITH ALKOXYPROPYL ESTER INTERNAL ELECTRON DONOR AND POLYMER FROM SAME	12/1/2011	13/996340	2013-0289228		

OWNER	DOW CASE REFERENCE	COUNTRY CODE	SHORT TITLE	FILING DATE	APPLICATION NUMBER	PUBLICATION NUMBER	GRANT DATE	PATENT NUMBER
DGIL	70816-US-PCT	US	PROCESS FOR IMPROVING BULK DENSITY WITH MULTI-CONTACT PROCATALYST AND PRODUCT	08/28/2013	14/002019	2013-033321		
DGIL	70316-US-PCT	US	PRODUCTION OF SUBSTITUTED PHENYLENE AROMATIC DIESTERS	09/24/2013	14/007188	2014-0012035		
DGIL	67797-US-CN1[2]	US	PROCATALYST COMPOSITION WITH SUBSTITUTED 1,2-PHENYLENE AROMATIC DIESTER INTERNAL DONOR AND METHOD	09/10/2013	14/022425	2014-0011670		
DGIL	71065-US-PCT	US	PROPYLENE-BASED POLYMER WITH LOW ASH AND DEVICE WITH SAME	11/27/2013	14/122732			
DGIL	70815-US-PCT	US	PROPYLENE/ETHYLENE COPOLYMER FILM FOR HEAT SEAL	11/27/2013	14/122736			
DGIL	72596-US-FSP	US	PROPYLENE/BUTENE INTERPOLYMER PRODUCTION SYSTEM AND METHOD	3/14/2013	61/781459			

OWNER	DOW CASE REFERENCE	COUNTRY CODE	SHORT TITLE	FILING DATE	APPLICATION NUMBER	PUBLICATION NUMBER	GRANT DATE	PATENT NUMBER
DGTL	70456-US-PSP	US	PROPYLENE ETHYLENE RANDOM COPOLYMER SUITABLE FOR PIPE	10/29/2013	61/886981			
DGTL	70314-US-PSP	US	PROPYLENE-BASED POLYMER WITH REDUCED HIGH-MOLECULAR WEIGHT PORTION	11/15/2013	61/904654			
DGTL	75084-US-PSP	US	PROCESS FOR PRODUCING ETHYLENE-BUTENE-PR OPYLENE TERPOLYMER AND BUTENE-PROPYLENE RANDOM COPOLYMER	11/21/2013	61/907065			
DGTL	74634-US-PSP	US	LOW TEMPERATURE IMPACT COPOLYMER PROCESS	11/26/2013	61/908816			
DGTL	74647-US-PSP	US	PROCATALYST AND POLYMERIZATION PROCESS FOR PROPYLENE IMPACT COPOLYMER	11/27/2013	61/909461			