

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT5005631

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	TERMINATION AND RELEASE OF SECURITY INTEREST IN UNITED STATES TRADEMARKS AND PATENTS
CONVEYING PARTY DATA	
Name	Execution Date
JPMORGAN CHASE BANK, N.A.	05/21/2018
RECEIVING PARTY DATA	
Name:	HUNTSMAN INTERNATIONAL LLC
Street Address:	10003 WOODLOCH FOREST DRIVE
City:	THE WOODLANDS
State/Country:	TEXAS
Postal Code:	77380
PROPERTY NUMBERS Total: 104	
Property Type	Number
Patent Number:	5106458
Patent Number:	5191143
Patent Number:	5243091
Patent Number:	5274138
Patent Number:	5139622
Patent Number:	5154804
Patent Number:	5262017
Patent Number:	5349072
Patent Number:	5410077
Patent Number:	5354430
Patent Number:	5354431
Patent Number:	5436375
Patent Number:	5464505
Patent Number:	5453160
Patent Number:	5958192
Patent Number:	5939592
Patent Number:	6037516
Patent Number:	6023001
Patent Number:	6133484
Patent Number:	6518474
PATENT	

Property Type	Number
Patent Number:	7182841
Patent Number:	5124367
Patent Number:	5278120
Patent Number:	5584958
Patent Number:	5981683
Patent Number:	6245825
Patent Number:	6376698
Patent Number:	5840782
Patent Number:	5565498
Patent Number:	5594097
Patent Number:	5621016
Patent Number:	5459170
Patent Number:	5444101
Patent Number:	5519065
Patent Number:	5489620
Patent Number:	5710231
Patent Number:	5554438
Patent Number:	5900442
Patent Number:	6335379
Patent Number:	6433034
Patent Number:	5576409
Patent Number:	5670553
Patent Number:	5993528
Patent Number:	5900441
Patent Number:	7307136
Patent Number:	6339110
Patent Number:	5968993
Patent Number:	6147134
Patent Number:	6100311
Patent Number:	6211258
Patent Number:	6403665
Patent Number:	6528549
Patent Number:	6207725
Patent Number:	6346205
Patent Number:	6133481
Patent Number:	6037382
Patent Number:	6248802
Patent Number:	6455601

Property Type	Number
Patent Number:	6590005
Patent Number:	5877227
Patent Number:	6372811
Patent Number:	6335378
Patent Number:	6121338
Patent Number:	6433032
Patent Number:	6319962
Patent Number:	6692670
Patent Number:	6793855
Patent Number:	6486224
Application Number:	10799234
Patent Number:	6417241
Patent Number:	7202284
Patent Number:	6590008
Patent Number:	6506813
Patent Number:	6750310
Patent Number:	6765035
Patent Number:	6593387
Patent Number:	6617369
Patent Number:	7022871
Patent Number:	6821476
Patent Number:	6774153
Patent Number:	6531536
Patent Number:	7169824
Patent Number:	6884824
Patent Number:	6727292
Patent Number:	6806342
Patent Number:	6762279
Patent Number:	6884825
Patent Number:	6919384
Patent Number:	6887911
Patent Number:	6946497
Patent Number:	6914117
Patent Number:	7029612
Application Number:	10772903
Patent Number:	7022746
Patent Number:	7238840
Patent Number:	7390446

Property Type	Number
Patent Number:	7687548
Patent Number:	7056976
Application Number:	11047087
Application Number:	11047088
Patent Number:	5223644
Patent Number:	5442113
Patent Number:	6500784
Patent Number:	6653257

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 509265/2044

NAME OF SUBMITTER: MARCELA ROBLEDO

SIGNATURE: /MR/

DATE SIGNED: 06/13/2018

Total Attachments: 10

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TERMINATION AND RELEASE OF THE GRANT OF SECURITY INTEREST IN
UNITED STATES TRADEMARKS AND PATENTS

This TERMINATION AND RELEASE OF THE GRANT OF SECURITY INTEREST IN UNITED STATES TRADEMARKS AND PATENTS (this "Termination and Release") dated as of May 21, 2018, by JPMORGAN CHASE BANK, N.A., as Collateral Agent (the "Agent") in favor of HUNTSMAN INTERNATIONAL LLC, a Delaware limited liability company, (the "Grantor"). Capitalized terms used in this Termination and Release and not otherwise defined herein have the meanings specified in the Collateral Security Agreement or the IP Security Interest Assignment (as defined below), as applicable.

WITNESSETH:

WHEREAS, pursuant to that certain Collateral Security Agreement between the Grantor, the Agent and the other parties thereto, dated as of August 16, 2005 (as amended, restated, supplemented or otherwise modified from time to time, the "Collateral Security Agreement"), the Grantor executed a Grant of Security Interest in United States Trademarks and Patents, dated as of August 16, 2005 and recorded with the U.S. Patent and Trademark Office at Reel 021158, Frame 0479 on November 21, 2005 and Reel 3282, Frame 0670 on March 29, 2006 (as amended, restated, supplemented or otherwise modified from time to time, the "IP Security Interest"), pursuant to which the Grantor granted to the previous collateral agent, Deutsche Bank AG New York Branch (the "Previous Agent"), a security interest in (i) all of the Grantor's right title and interest in and to the United States patents (the "Patents") listed on Schedule A hereto, (ii) all of the Grantor's right title and interest in and to the United States trademarks, trademark registrations and trademark applications (the "Marks") listed on Schedule B hereto, in each case together with (iii) all Proceeds of the Marks and Patents, (iv) the goodwill of the businesses symbolized by the Marks, and (v) all causes of action arising prior to or after the date of the IP Security Interest for infringement of any of the Marks and Patents or unfair competition regarding the same (collectively, the "IP Collateral"); and

WHEREAS, pursuant to (i) the Fifth Amendment to Credit Agreement, dated as of March 9, 2010 among the Borrower and the Required Lenders (as defined in the Credit Agreement) and (ii) the Successor Agency Agreement, dated as of March 9, 2010 between the Previous Agent and the Agent, the Agent was appointed as successor administrative agent and collateral agent and the Previous Agent and Agent entered into that certain Patent and Trademark Assignment and Assumption, dated as of February 23, 2011, recorded with the U.S. Patent and Trademark Office at Reel 025855, Frame 0783 on February 28, 2011 and Reel 004487, Frame 0377 on February 28, 2011 (as amended, restated, supplemented or otherwise modified from time to time, the "Assignment") pursuant to which the Previous Agent assigned to the Agent all of its rights and obligations in the IP Security Interest and the Patents and the Marks;

WHEREAS, the Assignment incorrectly referred to the IP Security Interest as being recorded with the U.S. Patent and Trademark Office at Reel 3828, Frame 0670 on March 29, 2006, when such IP Security Interest was recorded with the U.S. Patent and Trademark Office at Reel 3282, Frame 0670 on March 29, 2006;

WHEREAS, the Grantor has requested and the Agent has agreed to execute and deliver this Termination and Release to terminate and release the Agent's security interest in the IP Collateral and reassign any and all right, title, and interest in the same to the Grantor.

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

1. The Agent hereby releases and terminates in its entirety its security interest in the IP Collateral granted pursuant to the Collateral Security Agreement, the IP Security Interest or the Assignment, and discharges, quit claims, and relinquishes unto the Grantor, and re-assigns, grants and conveys to the Grantor, without any representation, warranty, recourse or undertaking by the Agent, any and all right, title and interest it may have in, to or under the IP Collateral granted pursuant to the Collateral Security Agreement, the IP Security Interest or the Assignment.

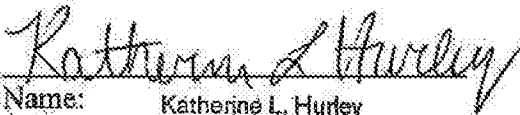
2. The Agent authorizes, at the Grantor's sole expense, the recordation of this Termination and Release by the Commissioner for Trademarks and the Commissioner for Patents of the United States Patent and Trademark Office and any other applicable governmental body.

3. This Termination and 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 undersigned has caused this Termination and Release to be duly executed and delivered by its officer thereunto duly authorized as of the date first written above.

JPMORGAN CHASE BANK, N.A.,
as Agent

By: 
Name: Katherine L. Hurley
Title: Vice President

[Signature Page to Termination and Release - Huntsman International LLC]

SCHEDULE A

Patents

Application Number	Application Date	Patent Number	Grant Date	Title
07/736365	7/26/1991	5106438	4/23/1992	PROPYLENE OXIDE PURIFIED BY REMOVAL OF METHYL FORMATE USING A BASIC RESIN TO CONVERT METHYL FORMATE TO FORMIC ACID AND METHANOL.
07/818931	1/10/1992	5191143	3/2/1993	Preparation of isobutylene
07/878570	11/19/1992	5243091	9/7/1993	METHOD FOR THE MANUFACTURE AND RECOVERY OF METHYL TERTIARY BUTYL ETHER
08/066542	1/21/1993	5274138	12/28/1993	EPOXIDATION PROCESS FOR MANUFACTURE OF OLEFIN OXIDE AND ALCOHOL. MULTIPLE STAGE EPOXIDATION OF OLEFINS, E.G., PROPYLENE, WITH TERT.-BUTYL HYDROPEROXIDE TO INCREASE YIELD OF PROPYLENE OXIDE.
07/770493	10/3/1991	5139622	8/18/1992	PROPYLENE OXIDE PURIFIED BY EXTRACTIVE DISTILLATION WITH TRIETHYLENE GLYCOL TO REMOVE WATER AND OXYGENATED IMPURITIES, E.G., ACETONE AND METHANOL.
07/786692	11/1/1991	5154804	6/13/1992	Removal of water, acetone and methanol from propylene oxide by extractive distillation
08/047910	4/19/1993	5282017	11/16/1993	PROPYLENE OXIDE PURIFIED BY FOUR-STAGE DISTILLATION PROCESS.
08/035805	7/6/1993	5349072	9/20/1994	Staged epoxidation of propylene with recycle
08/148226	11/8/1993	5410077	4/25/1995	CONTROLLED EPOXIDATION OF PROPYLENE
08/140995	10/26/1993	5354430	10/11/1994	PROPYLENE OXIDE/METHYL TERT.-BUTYL ETHER PROCESS: PROPYLENE OXIDE PURIFICATION BY PLURAL STAGE DISTILLATION.
08/125276	9/23/1993	5354431	10/11/1994	Plural stage drying and purification of propylene oxide
08/296633	8/26/1994	5436375	7/25/1995	PEROXIDATION OF ISOBUTANE WITH OXYGEN IN A VERTICAL REACTOR. REACTION OF ISOBUTANE WITH OXYGEN
08/251158	5/31/1994	5464505	11/7/1995	USE OF PROPYLENE OXIDE ADDUCTS IN THE PURIFICATION OF PROPYLENE OXIDE BY EXTRACTIVE DISTILLATION

Application Number	Application Date	Patent Number	Grant Date	Title
08/251131	5/31/1994	5453180	9/26/1995	USE OF MIXED POLYOXYPROPYLENE GLYCOLS IN THE EXTRACTIVE DISTILLATION OF PROPYLENE OXIDE
08/919985	8/27/1997	5958192	9/28/1999	PURIFICATION OF PROPYLENE OXIDE USING ETHYLENE GLYCOL MONOMETHYL ETHER AS AN EXTRACTIVE DISTILLATION AGENT
08/966879	11/10/1997	5939592	8/17/1999	METHODS FOR DECOMPOSING ESTERS AND PURIFYING ALCOHOLS
08/975523	11/20/1997	6037316	3/14/2000	METHOD FOR REMOVAL OF OXYGENATE IMPURITIES FROM ORGANIC CHEMICAL STREAMS
09/040817	3/18/1998	6023001	2/8/2000	IMPROVED PEROXIDATION OPERATION BY PRESSURE CONTROL. PEROXIDE PRODUCTION
09/253687	2/18/1999	6113484	10/17/2000	METHODS FOR DECOMPOSING ESTERS AND PURIFYING ALCOHOLS
09/692021	10/19/2000	6518474	2/11/2003	PROCESS FOR PRODUCING ISOBUTYLENE FROM TERTIARY BUTYL ALCOHOL
10/421367	4/23/2003	7182841	2/27/2007	Purification of Solvents used for the Purification of Alkylene Oxide
07/717746	6/19/1991	5124367	6/23/1992	AN ISOCYANATE-REACTIVE POLYMER, ESPECIALLY A FLEXIBLE FOAM POLYOL, CONTAINING DISPERSED SOLID FIRE RETARDANT, ESPECIALLY MELAMINE, AND A FATTY ACID ESTER OR AMIDE AS ANTI-SETTLING AGENT.
07/756647	9/9/1991	5278120	1/11/1994	Catalyst Composition
08/180939	1/12/1994	5584938	12/17/1996	Polyisocyanate adhesive and sealant systems
07/925347	8/4/1992	5981683	11/9/1999	Polyisocyanate adhesive and sealant systems
08/878391	7/2/1996	6245823	6/12/2001	PRODUCTION OF FLEXIBLE URETHANE FOAMS BY REACTING 4,4'-MDI OR VARIANT THEREOF WITH POLYETHER POLYOL COMPOSITION HAVING AVERAGE OXYETHYLENE CONTENT OF 60-85 % BY WEIGHT
08/786064	1/21/1997	6376698	4/23/2002	PRODUCTION OF FLEXIBLE URETHANE FOAMS BY REACTING 4,4'-MDI OR VARIANT THEREOF WITH POLYETHER POLYOL COMPOSITION HAVING AVERAGE OXYETHYLENE CONTENT OF 60-85 % BY WEIGHT

Application Number	Application Date	Patent Number	Grant Date	Title
08/536123	9/8/1995	5840782	11/24/1998	MICROCELLULAR ELASTOMERS ARE PREPARED USING A PREPOLYMER BASED ON A POLYETHER POLYOL (20-35%W EO OF WHICH AT LEAST 75% TIP), WATER AS BLOWING AGENT AND POLYESTER POLYOL.
08/198518	2/1/1994	5565498	10/15/1998	Process for making flexible foams.
08/472204	6/7/1995	5594097	1/16/1997	Newer polyether polyols.
08/214876	3/16/1994	5621016	4/15/1997	Polyisocyanate compositions and low density flexible polyurethane foams produced therewith
08/223929	4/6/1994	5459170	10/17/1995	
08/212634	3/11/1994	5444101	8/22/1995	PROCESS FOR THE PREPARATION OF A RIGID POLYURETHANE OR URETHANE-MODIFIED POLYISO-CYANURATE FOAM IN THE PRESENCE OF A BLOWING AGENT MIXTURE COMPRISING CYCLOPENTANE AND A CERTAIN AMOUNT (C BEING THE MO
08/475285	6/7/1995	5519065	5/21/1998	PROCESS FOR THE PREPARATION OF A RIGID POLYURETHANE OR URETHANE-MODIFIED POLYISO-CYANURATE FOAM IN THE PRESENCE OF A BLOWING AGENT MIXTURE COMPRISING CYCLOPENTANE AND A CERTAIN AMOUNT (C BEING THE MO
08/245937	5/19/1994	5489620	2/6/1998	PROCESS FOR MAKING FLEXIBLE FOAMS
08/604146	2/20/1996	5710231	1/20/1998	ISOCYANATE-REACTIVE COMPOSITIONS CONTAINING INTERNAL MOLD RE
08/278781	7/22/1994	5554438	9/10/1996	Self release binder system
08/641122	4/30/1994	5900442	5/4/1999	New flexible polyurethane foam
09/197978	11/23/1998	6235379	1/1/2002	New flexible polyurethane foam
09/989431	11/28/2001	6433934	8/13/2002	New flexible polyurethane foam
08/520279	8/25/1995	5576409	11/10/1996	Internal mold release compositions
08/705869	8/28/1994	5670353	9/23/1997	Internal mold release compositions
08/839358	5/20/1997	5993528	11/30/1999	Internal mold release compositions
08/741413	10/29/1996	5900441	5/4/1999	Process for preparing a flexible polyurethane foam.
10/061186	2/4/2002	7307136	12/11/2007	Polyurethane elastomers

Application Number	Application Date	Patent Number	Grant Date	Title
08/872317	6/10/1997	6339110	1/15/2002	Process for rigid polyurethane foams
08/872037	6/10/1997	5988993	10/19/1999	Microcellular elastomeric polyurethane foams.
08/963744	11/4/1997	6147134	11/14/2000	Process for preparing rigid and flexible polyurethane foams.
08/963753	11/4/1997	6100311	8/8/2000	Process for preparing rigid and flexible polyurethane foams.
09/513823	2/23/2000	6211258	4/3/2001	Process for preparing rigid and flexible polyurethane foams.
08/953363	10/17/1997	6403665	6/11/2002	Rigid polyurethane foams.
10/090783	3/6/2002	6528549	3/4/2003	Rigid polyurethane foams.
08/953260	10/17/1997	6207723	3/27/2001	Rigid polyurethane foams.
09/761838	10/17/1997	6346205	2/12/2002	Rigid polyurethane foams.
09/021502	2/16/1998	6133481	10/17/2000	Isocyanate Compositions for Low Density Polyurethane Foams
09/040073	3/17/1998	6037382	3/14/2000	process for preparing flexible polyurethane foam
09/096389	6/11/1998	6248802	6/19/2001	Isocyanate compositions for blown polyurethane foams.
09/864780	5/24/2001	6433601	9/24/2002	Isocyanate compositions for blown polyurethane foams
10/202804	7/24/2002	6590005	7/6/2003	Isocyanate compositions for blown polyurethane foams
08/909110	8/11/1997	5877227	3/2/1999	Low density flexible polyurethane foams
09/123132	7/24/1998	6372811	4/16/2002	Flame resistant rigid polyurethane foams blown with hydrofluorocarbons
09/500469	2/9/2000	6335378	1/1/2002	Process for rigid polyurethane foams
09/159480	9/23/1998	6121338	9/19/2000	Process for rigid polyurethane foams
09/289479	3/30/1999	6433032	8/13/2002	Process for rigid foams
09/311391	5/13/1999	6319962	11/20/2001	Hydrocarbon blown rigid polyurethane foams having improved flammability performance
09/766825	7/23/1999	6692670	2/17/2004	Fiberboard manufacture using low diisocyanate content polymeric MDI-containing binders
09/858377	11/12/1999	6793853	9/21/2004	Polyisocyanurate compositions and composites
09/938215	2/22/2000	6486234	11/7/2002	Polyurethane elastomers having improved hydrolysis resistance

Application Number	Application Date	Patent Number	Grant Date	Title
10/799234	3/12/2004			Internal Mold Release Compositions
09/369301	8/6/1999	6417241	7/9/2002	Process for preparing a flexible polyurethane foam
09/890667	1/5/2000	7202284	4/10/2007	FOAMED THERMOPLASTIC POLYURETHANES
09/979849	5/5/2000	6390008	7/8/2003	Process for making low density foams, polyol composition and reaction system useful therefor
10/030385	7/3/2000	6306813	1/14/2003	Process for making cold-setting flexible foams, polyol composition and reaction system useful therefor, foams thus obtained.
10/030384	6/29/2000	6730310	6/15/2004	Polyisocyanate compositions for fast cure
10/116879	9/4/2000	6765033	7/20/2004	Process for making rigid and flexible polyurethane foams containing a fire-retardant
10/122454	10/3/2000	6393387	7/15/2003	Process for making high resilience foams, and a reaction system useful therefor
10/122435	10/3/2000	6617369	9/9/2003	Process for making visco-elastic foams, polyol blend and reaction system useful therefor
10/180442	12/14/2000	7023871	4/4/2006	process for the synthesis of polycarbonates
10/178547	12/22/2000	6821476	11/23/2004	Gas assisted injection molding
10/191371	12/5/2000	6774153	8/10/2004	Process for preparing a free rise or slushstock flexible polyurethane foam
09/765771	1/19/2001	6531536	3/11/2003	Isocyanate compositions containing d-limonene
10/202588	1/18/2001	7169824	1/30/2007	Process for preparing a flexible polyurethane foam.
10/336319	6/21/2001	6884824	4/26/2005	Process for preparing an elastomer
09/920418	8/1/2001	6727292	3/27/2004	Manufacture of MDI-TDI Based Flexible Polyurethane Foams.
10/334785	6/23/2001	6806342	10/19/2004	Process for preparing a polyurethane material.
10/336318	6/28/2001	6762279	7/13/2004	Polyol processing
10/336315	7/5/2001	6884823	4/26/2005	Process for making a flexible polyurethane foam.
10/643727	1/14/2002	6919184	7/19/2005	PROCESS FOR PREPARING A FLEXIBLE POLYURETHANE FOAM
10/438821	1/23/2002	6887911	5/3/2005	Molded foam articles prepared with reduced mold residence time and improved quality
10/694128	4/2/2002	6946497	9/20/2005	Process for making visco-elastic foam
10/715789	4/18/2002	6914117	7/5/2005	Elastomeric polyurethane material.

Application Number	Application Date	Patent Number	Grant Date	Title
10/759482	7/17/2002	7029612	4/18/2006	Release agent for lignocellulosic composites
10/772903	8/27/2002			Process for making rigid urethane modified polyisocyanurate foams
10/855182	11/29/2002	7022746	4/4/2006	VISCOELASTIC POLYURETHANES
10/947103	3/25/2003	7238840	7/3/2007	Process for the Production of Diammodiphenylmethane and its Higher Homologues
10/997144	5/2/2003	7390446	6/24/2008	Foamed Supramolecular Polymers
11/018070	6/12/2003	7687348	3/30/2010	Process for preparing moulded polyurethane material
10/626983	7/25/2003	7056976	6/6/2006	PULTRUSION SYSTEMS AND PROCESS
11/047087	7/2/2003			Novel Polyols
11/047088	7/2/2003			Prepolymer, Polyol Composition, and Process for Making a Flexible Foam
07/829982	2/3/1992	5223644	6/29/1993	Nitrosamine Inhibition
08/011976	2/1/1993	5442113	8/15/1995	Nitrosamine and nitrite inhibition
09/868881	8/30/2001	6500784	12/31/2002	HERBICIDAL COMPOSITIONS AND SURFACTANT CONCENTRATES
10/256664	9/27/2002	6653257	11/25/2003	HERBICIDAL COMPOSITIONS AND SURFACTANT CONCENTRATES

SCHEDULE B

Marks

Mark	Status	Serial Number	Application Date	Registration Number	Registration Date
ACOUSTIFLEX	Registered	73/235777	2/3/1997	2250108	6/1/1999
EMPICOL	Registered	72/036307	8/27/1957	696247	4/19/1960
EMPIGEN	Registered	72/195686	6/13/1964	889166	4/21/1970
EMFILAN	Registered	72/036305	8/27/1957	703083	8/23/1960
IBOCOAT	Registered	76/213893	2/20/2001	2676524	1/21/2003
KRYSTALFLEX	Registered	73/160044	3/11/1988	1357598	9/26/1989
KRYSTALGRAN	Registered	76/242203	4/17/2001	2793036	12/9/2003
LAUREX	Registered	74/103560	10/5/1990	1783178	4/13/1993
LINESTAR	Registered	76/256016	5/10/2001	2848019	6/1/2004
MILLIFOAM	Registered	78/147135	7/24/2002	2846527	5/23/2004
NANSA	Registered	74/103559	10/5/1990	1787833	4/27/1993
RIMLINE	Registered	73583885	2/20/1986	1457057	9/13/1987
RIMLINE	Registered	74345222	1/4/1993	1793317	9/21/1993
RUBIFLEX	Registered	73600723	5/7/1986	1440366	5/26/1987
RUBILON	Registered	75/340542	8/13/1997	2469953	7/17/2001
RUBINATE	Registered	74/367958	3/15/1993	1808700	12/7/1993
RUBINOL	Registered	74/291337	7/6/1992	1757839	3/16/1993
RUBITHERM	Registered	74345223	1/4/1993	1792270	9/14/1993
SMARTLITE	Registered	78176679	10/21/2003	3419673	4/29/2008
SUPRASEC	Registered	72/225420	8/10/1963	820977	12/27/1966
SUPRASEC	Registered	72/225420	8/10/1963	820977	12/27/1966
AVALON	Registered	74801906	7/28/1991	1853488	9/13/1994
AVALON	Registered	75/529683	8/3/1998	2294301	11/23/1999
DALTOCEL	Registered	73/834116	9/8/1989	1660453	10/15/1991
DALTOFOAM	Registered	74/401393	6/14/1993	1835081	5/10/1994
DALTOLAC	Registered	73/829059	10/2/1989	1644146	5/14/1991
DALTOPED	Registered	73/828596	10/3/1989	1631244	7/23/1991

PATENT

RECORDED: 06/13/2018

REEL: 046355 FRAME: 0256