

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
The Dow Chemical Company	02/16/2010
RECEIVING PARTY DATA	
Name:	Arkema Inc.
Street Address:	2000 Market Street
City:	Philadelphia
State/Country:	PENNSYLVANIA
Postal Code:	19103
PROPERTY NUMBERS Total: 7	
Property Type	Number
Patent Number:	6084122
Patent Number:	6075079
Patent Number:	6025404
Patent Number:	6180820
Patent Number:	6084128
Patent Number:	6376574
Patent Number:	6277437
CORRESPONDENCE DATA	
Fax Number:	(703)739-2815
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Email:	crobbins@cpaglobal.com
Correspondent Name:	CPA Global
Address Line 1:	Liberation House
Address Line 2:	Castle Street
Address Line 4:	St Helier, JERSEY JE1 1BL
NAME OF SUBMITTER:	Chris Robbins

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PATENT
REEL: 024120 FRAME: 0404

Total Attachments: 8

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ASSIGNMENT

WHEREAS, **The Dow Chemical Company**, a Delaware corporation, having a principal place of business of 2030 Dow Center, Midland, Michigan 48674, **Dow Global Technologies Inc.**, a Delaware corporation, having principal place of business of 2040 Dow Center, Midland, Michigan 48674, **Union Carbide Chemicals & Plastics Technology Corporation**, a Delaware corporation, having a principal place of business of 2020 Dow Center, Midland, Michigan 48674, which converted to **Union Carbide Chemicals & Plastics Technology LLC**, a Delaware corporation on December 20, 2007, having a principal place of business of 2020 Dow Center, Midland, Michigan 48674 (collectively referred to as "**ASSIGNORS**"), are the owners of the patents and/or applications listed in **Schedule 1** attached hereto; (collectively, "**Assigned Patents**"); and

WHEREAS, **Arkema Inc.**, a corporation organized under the laws of the Commonwealth of Pennsylvania, having a its principal place of business at 2000 Market Street, Philadelphia, Pennsylvania 19103, (hereinafter "**ASSIGNEE**"), is desirous of acquiring the entire right, title and interest in and to said **Assigned Patents**.

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, **ASSIGNORS**, owners of the enter right, title and interest in the Assigned Patents in Schedule 1 attached hereto and a part hereof, hereby assign and transfer to **ASSIGNEE**, all right, title and interest in, to and under the Assigned Patents including, but not limited to, the right to sue for and collect damages for infringement.

ASSIGNORS authorize and request the United States Commissioner of Patents and any foreign patent records office to record **ASSIGNEE** as assignee of the entire right, title and interest in and to the Assigned Patents for the sole use and enjoyment of **ASSIGNEE**, its successors and assigns.

ASSIGNEE shall be solely responsible for preparing and filing all additional documentation (including but not limited to the execution and delivery of any and all affidavits, declarations, oaths, assignments and powers of attorney) as may be required to perfect or record the assignment of the Assigned Patents with the United States Patent Office and equivalent offices and agencies in other countries or political subdivisions of the world. **ASSIGNORS** agree to provide **ASSIGNEE** cooperation and assistance, at **ASSIGNEE**'s request and reasonable expense, in the implementation or perfection of this Assignment.

[SIGNATURE PAGE FOLLOWS]

In testimony whereof, each ASSIGNOR has caused this assignment to be executed by its duly authorized officers.

THE DOW CHEMICAL COMPANY

PDH

Michael L. Glenn
Name: Michael L. Glenn
Title: Authorized Representative

February 12, 2010
Date

DOW GLOBAL TECHNOLOGIES INC.

PDH

John B. Treangen
Name: John B. Treangen
Title: Authorized Representative

February 11, 2010
Date

**UNION CARBIDE CHEMICALS & PLASTICS
TECHNOLOGY LLC**

PDH

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

February 16, 2010
Date

Schedule 1 to the Patent Assignment Agreement

A. Assigned Acrylic Acid Products Patents

DOW FILE NO. & TITLE	APPLN./ PUBLN. NO.	APPLN./ PUBLN. DATE	PATENT NO.	GRANT DATE
63671 - RECOVERY OF ACRYLIC ACID AND/OR ETHYL ACRYLATE FROM BLACK ACID			US 4,968,834	11-6-90
63672 - SULFUR REMOVAL PROCESS FROM AN ACRYLATE STREAM	JP 2000-518936	10-12-98		
	WO/1999/23059	5-14-99	EP 1028936 (BE, DE, FR)	3-26-03
			CN 98810773.2	7-9-03
			KR 0582812	5-16-06
			TW 133029	6-7-01
63672A - SULFUR REMOVAL PROCESS FROM AN ACRYLATE STREAM			US 6,084,128	7-4-00
63673 - SULFUR REMOVAL PROCESS FROM AN ACRYLATE WASTE STREAM	WO/1999/23060	5-14-99		
			US 6,084,122	7-4-00
			EP 1027322 (BE, DE, FR)	9-3-03
			CN 98810775.9	7-9-03
			KR 0575939	4-25-06
			TW 145121	12-1-01
63679 - PROCESS FOR THE PRODUCTION AND PURIFICATION OF N-BUTYL ACRYLATE	WO 01/19773	3-22-01		
			US 6,180,820	1-30-01
			EP 1212283 (DE)	4-14-04
63686 - METAL SURFACES TO INHIBIT ETHYLENICALLY UNSATURATED MONOMER POLYMERIZATION	MX PA/A/06/003342	9-24-03		
	US 2008/0228002	9-18-08		
	JP 2005-509905	9-24-03		
	WO/2005/040084	5-6-05		
			EP 1667953 (BE, DE, FR)	12-10-08
64672 - PROCESS FOR PRODUCING ACROLEIN AND/OR ACRYLIC ACID FROM PROPANE	GC GCC/P/2009/14224	9-2-09		
	TW 98129641	9-3-09		
	WO PCT/US09/054755	8-24-09		
65062A - PROCESS FOR PRODUCING ACRYLIC ACID	EP 2066613	6-10-09		

DOW FILE NO. & TITLE	APPLN./ PUBLN. NO.	APPLN./ PUBLN. DATE	PATENT NO.	GRANT DATE
	BR PI0714995.6	8-31-07		
	CN 101516820	8-26-09		
	ID W00200900658	8-31-07		
	JP 2009-528385	8-31-07		
	KR 10-2009-7007774	8-31-07		
	MX/a/09/002810	5-13-09		
	SA 07280499	9-15-07		
	SA 08280767	1-6-08		
	TW 200825047	6-16-08		
	US 2009-0253934	10-8-09		
	WO/2008/033687	3-20-08		
65323A - METHOD OF INHIBITING POLYMERIZATION AND FOULING IN ACRYLIC ACID AND ACRYLATE PROCESSES	SA 08290492	8-9-08		
	TH 0801004470	8-29-08		
	WO/2009/032427	3-12-09		
66013A - PROCESS FOR RECOVERING SULFONIC ACID CATALYST AND NOBLE PRODUCTS FROM ACRYLATE HEAVY ENDS	SA 09300032	1-17-09		
	TH 0901000169	1-16-09		
	WO/2009/091491	7-23-09		
66459A - PROCEDURE FOR STARTUP OF A (METH) ACRYLIC ACID PLANT	GC GCC/P/09/13169	3-31-09		
	WO/2009/123872	10-8-09		
66945 - CONTROL OF A PROCESS FOR THE PURIFICATION OF (METH) ACRYLIC ACID USING ON-LINE NEAR ANALYSIS	GC GCC/P/200914374	9-28-09		
	TW			
	WO PCT/US09/057411	9-18-09		
UC15867 - PROCESS FOR PRODUCING ACRYLIC ESTER			US 4,999,452	3-12-91
UC17451 - PROCESS FOR THE OXIDATION OF ALKANES	WO 97/36849	10-9-97	US 6,492,548	12-10-02
			EP 0938463 (BE, DE, FR)	6-19-02
			CN 97195087.3	1-9-02
			JP 3488471	10-31-03
			MY-122122-A	3-31-06
UC17510 - PROCESSES FOR	WO 98/52904	11-26-98		

DOW FILE NO. & TITLE	APPLN/ PUBLN. NO.	APPLN. / PUBLN. DATE	PATENT NO.	GRANT DATE
REFINING BUTYL ACRYLATE			US 6,605,738	8-12-03
			EP 0984918 (BE, DE, FR)	11-20-02
			CN 97182208.5	1-22-03
			BR PI97147133	11-4-08
			JP 3934163	3-20-07
			KR 462266	12-8-04
			MY 121680-A	2-28-06
UC17920 - PROCESSES FOR CONDUCTING EQUILIBRIUM- LIMITED REACTIONS	BR PI0011631.9	6-12-00		
	JP 2001-504872	6-12-00		
	WO 00/78702	12-28-00		
			US 6,482,976	11-19-02
			EP 1192120 (BE, DE)	12-1-04
			CN 00809024.6	11-7-07
			ID 200102793	5-1-07
			KR 642037	10-27-06
UC18038A - PROCESSES FOR CONDUCTING EQUILIBRIUM- LIMITED REACTIONS	BR PI0408043.2	2-19-04		
	EP 1611082	1-4-06		
	ID W00200502301	2-19-04		
	JP 2006-519257	8-24-06		
	KR 10-2005-7016051	2-19-04		
			MX 256948	5-7-08
			US 7569721	8-4-09
			CN 200480004841.4	10-31-07

B. Assigned Specialty Latex Products Patents

DOW FILE NO. & TITLE	APPLN/ PUBLN. NO.	APPLN. / PUBLN. DATE	PATENT NO.	GRANT DATE
41969A - FAST HARDENING AQUEOUS COATING COMPOSITION AND PAINT	WO/1996/22338	7-25-96	AR 000747	5-16-01
			AU 693002	11-5-98
			BR 9606771.3	3-30-04
			EP 0804514 (DE, ES, FR, GB, SE)	2-24-99
			CN 96191510.2	12-31-03
			FI 119937	5-15-09
41969B - FAST HARDENING AQUEOUS COATING COMPOSITION AND PAINT			US 6,075,079	6-13-00
			US 6,277,437	8-21-01
			US 6,376,574	4-23-02
43354 - RAPID SET LATEXES AND FOAMED ARTICLES PREPARED THEREFROM	WO 99/42517	8-26-00	EP 1054923 (DE, FR, GB)	3-12-03
			KR 568893	4-3-06
			MX 211691	11-28-02
			US 6025404	2-15-00
62942A - EMULSION POLYMERIZATION OF HYDROPHOBIC MONOMERS	CN 200580035276.2	9-19-07	EP 1802671	7-4-07
			JP 2008-517096	5-22-08
			KR 2007-7008474	10-12-05
			US 2009-0264585	10-22-09
			WO/2006/044401	4-27-06
			WO/2008/100608	8-21-08
65271A - AQUEOUS COATING COMPOSITION HAVING REDUCED PLATE OUT	BR PI0807296.5	2-15-08	CA 2677790	2-15-08
			CN 200880005261.5	2-15-08
			EP 2121858	11-25-09
			ID W00200902264	2-15-08

DOW FILE NO. & TITLE	APPLN./ PUBLN. NO.	APPLN./ PUBLN. DATE	PATENT NO.	GRANT DATE
	IN PCT/US08/002087	2-15-08		
	MX/a/2009/008745	2-15-08		
	US 12/449445	2-15-08		
	ZA 2009/05767	2-15-08		
65298 - AQUEOUS EMULSION POLYMER FOR SCRUB RESISTANCE AND WET ADHESION	WO/2009/096925	8-6-09		
65363A - ALKALINE COATING COMPOSITION FOR AUTODEPOSITION	AR P090100521	2-13-09		
	TH 0901000632	2-13-09		
	WO/2009/102409	8-20-09		
65715A - METHOD FOR REDUCING PLATE OUT OF AQUEOUS COATING COMPOSITIONS	WO/2008/100607	8-21-08		
	PI0807265.5	2-15-08		
	CA 2677787	2-15-08		
	CN 200880005301.6	2-15-08		
	EP 2121824	11-25-09		
	ID W00200902261	2-15-08		
	IN PCT/US08/002071	2-15-08		
	MX/a/2009/008747	2-15-08		
	US 12/449449	2-15-08		
	ZA 2009/05766	2-15-08		
66620 - COATING COMPOSITIONS FOR IMPROVED BLOCK RESISTANCE	AR P090102601	7-8-09		
	TH 0901003060	7-3-09		
	WO PCT/US09/003868	6-30-09		
66602 - AQUEOUS COATING COMPOSITIONS	WO PCT/US09/005804	10-26-09		
	AR P090104136	10-27-09		
	TH 0901004722	10-20-09		
UC16551 - METHOD OF COATING SUBSTRATES UTILIZING AN ALKALI-FUNCTIONAL ASSOCIATIVE THICKENER CONTAINING COATING COMPOSITION			US 5,192,592	3-9-93
UC16815 - POLYMER CONTAINING MACROMONOMERS			US 5,292,843	3-8-94
			US 5,342,883	8-30-94

DOW FILE NO. & TITLE	APPLN/ PUBLN. NO.	APPLN. / PUBLN. DATE	PATENT NO.	GRANT DATE
UC17008 - COMPLEX HYDROPHOBE COMPOUNDS			US 5,488,180	1-30-96
UC17135 - PROCESSES FOR PREPARING AQUEOUS POLYMER EMULSIONS	WO 95/00565	1-5-95	EP 0706535 (DE, FR, GB)	6-25-97
			US 5399618	3-21-95
UC17267 - POLYMERS CONTAINING MACROMONOMER MIXTURES			US 5,639,841	6-17-97
UC17865 - ETHYLENE LATEX POLYMER COMPOSITIONS	WO 99/61496	12-2-99	EP 0998505 (DE, ES, FR, GB, NL, SE)	3-31-04
			TW 122844	11-21-00
			US 6329447	12-11-01